House & Garden

THE COMPLEAT GARDENER

IDEAS FOR PARTIES

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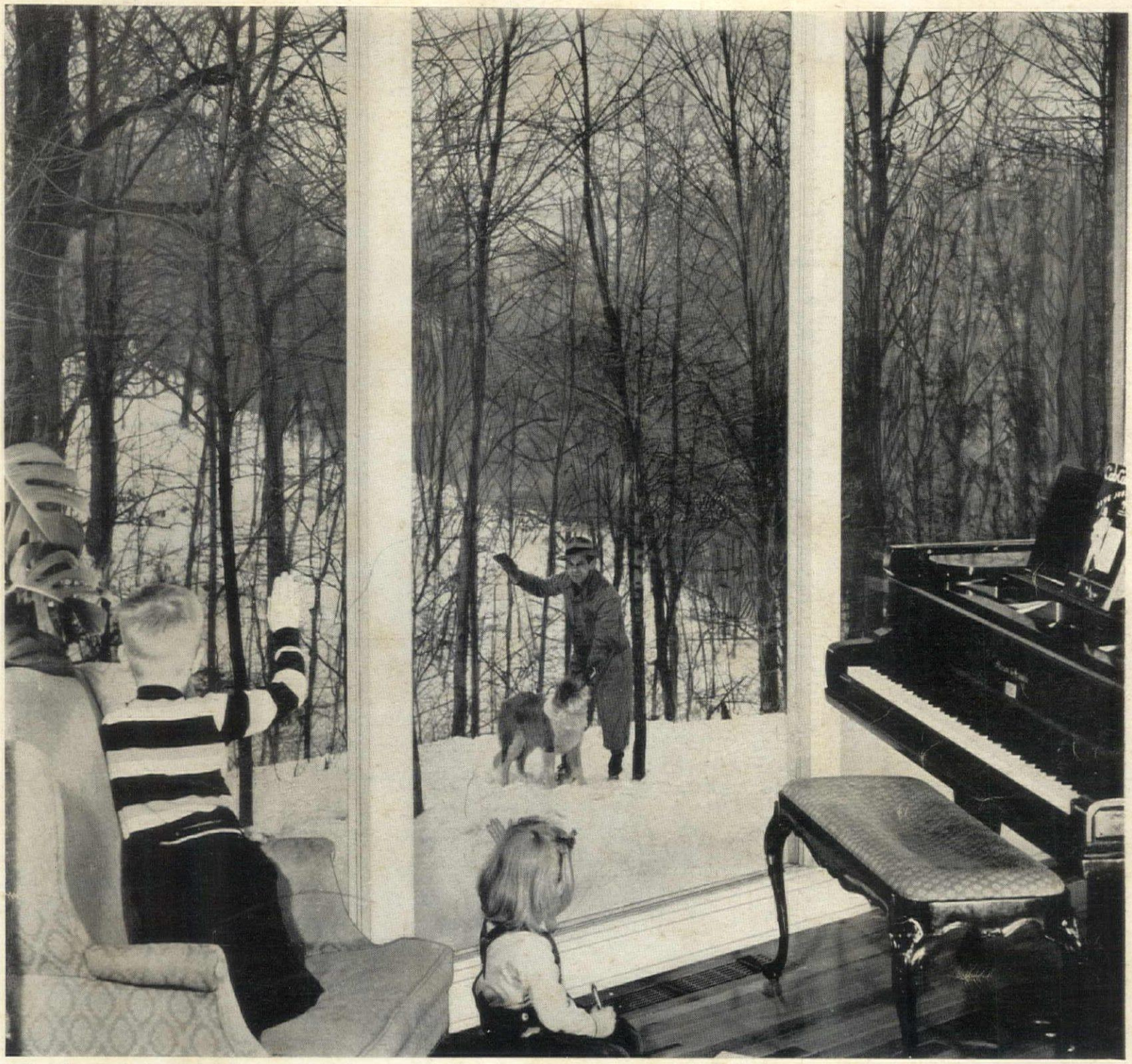

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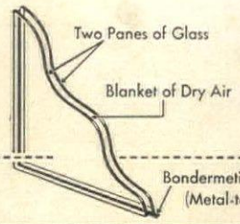

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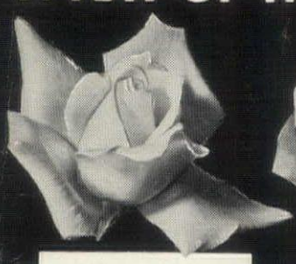

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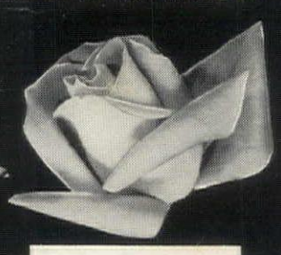

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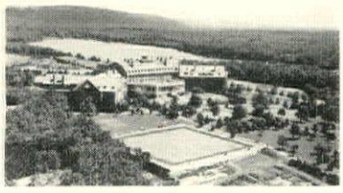

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At Colonial Williamsburg

Virginia's old capital extends an invitation to gardeners

T. L. WILLIAMS

ENTRANCE TO BALLROOM GARDEN AT THE GOVERNOR'S PALACE.

THIS February (in sessions held from the 19th to the 21st and the 26th to the 28th) Colonial Williamsburg, Virginia, will offer the fifth in a series of garden symposia. A new type of program promises to be of interest to horticulturists as well as amateur gardeners. On each of the more important themes, two authorities will talk successively. *New Trends in American Gardens* will be discussed on the 19th by John C. Wister, director Arthur Hoyt Scott Horticultural Foundation, Swarthmore, and on the 26th by Paul Frese, editor, "Popular Gardening." *How Williamsburg Can Help Modern Garden Design:* Feb. 19, 26, Alden Hopkins, landscape architect, Colonial Williamsburg. *Eighteenth Century Flower Arrangements:* Feb. 19, 26, Mrs. Louise B. Fisher, creator of flower arrangements, Colonial Williamsburg. *Keeping the Small Garden Healthy and Happy:* Feb. 20, Harry Wood, superintendent, Swarthmore College; Feb. 27, Freeman A. Weiss, curator, American Type Culture Collection, Washington, D.C. *Are Herbs Popular Today?:* Feb. 20, Helen M. Fox; Feb. 27, Elizabeth R. Van Brunt. *Plant Photography:* Feb. 20, Gottlieb A. Hampfler, Longwood Gardens, Kennett Square, Pa.; Feb. 27, Thomas L. Williams, staff photographer, Colonial Williamsburg. *Annuals and Perennials:* Feb. 21, Anne Wertsner Wood; Feb. 28, Helen M. Totty. *Evergreen and Deciduous Plants:* Feb. 21, Dr. Donald Wyman, horticulturist, Arnold Arboretum; Feb. 28, E. L. Kammerer, arboriculturist, Morton Arboretum. For details and rates, write the Registrar, Williamsburg Garden Symposium, Goodwin Bldg., Williamsburg, Va.

Williamsburg

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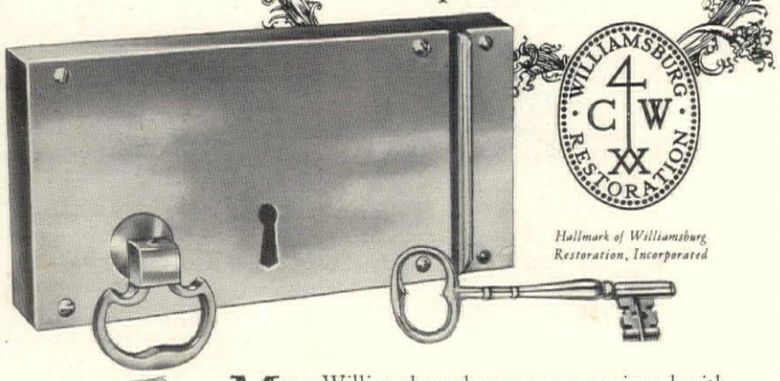

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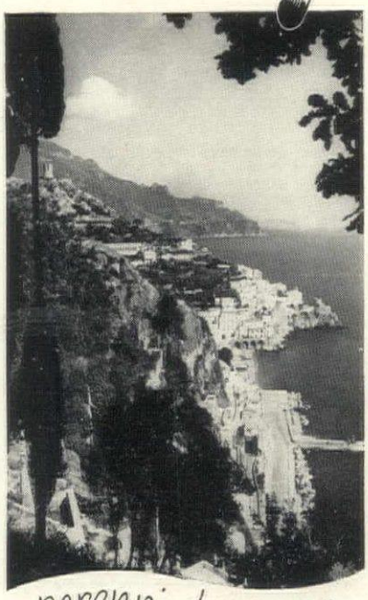

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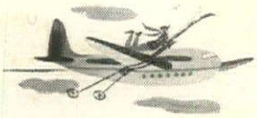
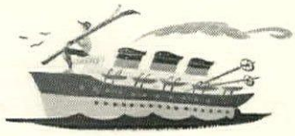


Skiing in Europe



Switzerland

ST. MORITZ. The Corviglia dominates skiing here. Its funicular takes expert skiers up some 1,600 feet. There is a great deal to do besides ski, hence a greater percentage of older people than at other resorts. Stay at the Palace Hotel, one of Europe's great resort hotels, Suvretta House, the Kulm, Caspar Badrutt.

DAVOS. Generally considered to offer best skiing in Switzerland, it has the world's longest run, the Parsenn, and the largest Swiss ski school. Stay at the Derby or the Fluela Sporthotel.

KLOSTERS. Growing fashionable with people who want to ski the Parsenn but avoid the crowds. Stay at the Chesa Grischuna and the Grand Hotel Vereina.

ZERMATT. At the foot of the Matterhorn, Zermatt has become one of the gayest postwar ski-spots. Best in March and April. Stay at the Hotel Mont Cervin, Zermatterhof, fraught with Swiss charm.

GSTAAD. Sports center in the Bernese Oberland that is becoming increasingly chic and popular. Varied ski conditions. Stay at Gstaad-Palace, the Bernerhof.

France

CHAMONIX. French resorts have developed enormously since the last world war, and Chamonix, in the middle of the Arve valley, between Brévent and the Massif of Mont Blanc, is the capital of them all. The new cable car which climbs up to the Col du Midi means that you can ski here into August. There are also night clubs, gambling at the Casino. Stay at the Majestic, the Grand Hotel des Alpes.

MEGÈVE. From December to March Megève is full of sun and abundant with snow because of its proximity to the glaciers and the Mont Blanc mountain mass. It has the largest branch of l'École National du Ski Français, also night clubs with Paris entertainers like Piaf. Stay at the Résidence or Mont d'Arbois, about 10 minutes away by sleigh or motor.

VAL D'ISÈRE. A beautiful high-altitude resort at the bottom of the Isère Valley and close to the Iseran Pass, it is linked to the Bourg-Saint-Maurice by three avalanche-proof tunnels. The snowfall is heavy and good from November 1 to May 15. Stay at the Solais, the Relais or the Parisien.

Spain

LA MOLINA. Within the limits of the city of Alp, in the Catalan Pyrenees, La Molina is one of the finest Spanish ski centers. It is less publicized than the resorts of France, Switzerland and Austria as the Spanish do not try to compete with them, but its virtues should not be slighted. They include tows and chair-lifts, and a variety of runs from Font Canaleta and Super Molina for experts to others for beginners. Season from December through March. Stay at the Solineu, the Sitjar.

NURIA. Scenically the most fascinating area for winter sports in Spain, Nuria is in the Oriental Pyrenees, 2,000 meters above sea level. It is reached by train and funicular from Barcelona, has numerous tows and lifts, runs for both beginners and experts. Season: December to April in the valleys, through May higher up. Stay at the Hotel del Santuario de Nuria.

NAVACERRADA. Situated in the Sierra de Guadarrama, not very far from Madrid. Reached by train or motor. Has a lift, jump, varied runs, ski instructors. Stay at the Hotel Arias or the Hotel Pasadoiro.

Austria

ST. ANTON. Native town of Hannes Schneider, Eddi Mall and other great skiers. Cable railway, lifts, a wide variety of slopes, a number of attendant diversions. Stay at the Post, the Alpenrose, the Schwarzer Adler, the Mosserkreuz.

ZÜRS. One of the smartest resorts, set in a valley at the summit of Flexen Pass. Stay at the Zürserhof, the Lorünser, the Alpenrose, the Edelweiss.

KITZBÜHEL. Probably the most *gemütlich* village in the Tyrol. You'll find yourself in Tyrolean clothes, eating Toni Praxmeier's cakes, possibly yodeling. Stay at the Grand Hotel, the Reisch.

BAD GASTEIN. The old spa has a new cable car and lifts, a variety of other winter sports. Stay at the Europe or the Straubinger (famous for its Sachertorte).

INNSBRUCK. The ancient capital of Tyrol offers, besides skiing, a number of other winter sports and sporting events. Stay at the Arlberger Hof, Hotel Europa, the Maria Theresia. Needed: a permit from The Allied High Commission Permit Office for Germany, New York, Washington.

Italy

SESTRIERE. In the Alps at 6,676 feet, the Sestriere Pass provides a wide variety of runs and touring grounds, facilities for other winter sports in a fashionable milieu. Stay at the Hotel Principi di Piemonte, the Hotel Duchi d'Aosta.

VALTOURNANCHE. On the Italian side of the Matterhorn (or Cervino), this winter resort is prominent in the history of alpine climbing. It provides high-mountain skiing, excursions on minor peaks. Stay at Hotel Cervinia, Hotel Gran Baita.

PONTE DI LEGNO. Becoming increasingly popular, this resort not far from the Swiss border is especially good for ski-touring. Stay at the Grande Albergo Savoia.

CORTINA D'AMPEZZO. Its exquisite scenery, well-organized ski fields and fine modern hotel accommodations have contributed to Cortina's rapid rise in popularity. Situated in the Dolomites. Stay at the Hotel Majestic Miramonti, Cristallo Palace.

ABETONE. One of the most important winter sports centers in Tuscany with beautiful tours to Monte Majori. Stay at the Hotel Excelsior or Abetone e Piramidi.

Scandinavia

NORWAY. Skiing originated in Norway in the stone age as a means of transportation, and today it seems as though every Norwegian skis. You can combine the urban comforts of the Grand Hotel and Hotel Bristol in Oslo with skiing at Holmenkollen, 20 minutes from the city. Other centers are Finse, roughly midway between Oslo and Bergen, where you can ski all year; Geilo, not far from Finse, with the excellent Dr. Holms Hotel; and Lillehammer, about four hours from Oslo, with the longest lift in Scandinavia.

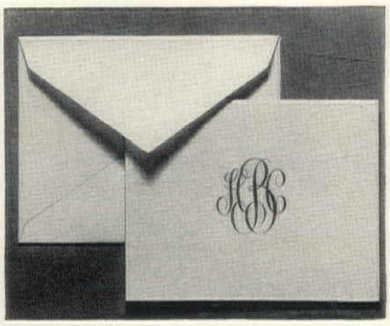
SWEDEN. Another country of ardent skiers, Sweden has a great variety of slopes from Lapland down to the provinces of Dalecarlia and Värmland. The season is generally from December through April; in the north, longer. Some outstanding resort hotels are the Abisko Turiststation at Abisko, Lapland; the Storliens Högfjällshotell at Storlien, Jämtland; the Sälens Kur & Högfjällshotell at Sälen, Dalecarlia; the Hamrafjällets Högfjällshotell at Funäsdalen in Härjedalen and the Vålådalens Turiststation at Vålådalen in Jämtland.

TRANSPORTATION

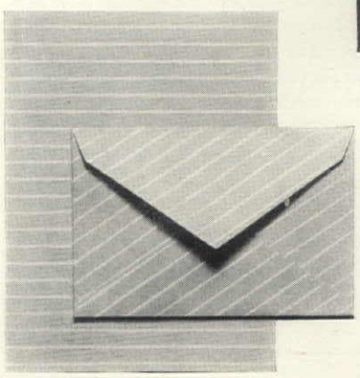
The following airlines and steamship companies will get you to the European skiing countries. Airlines with asterisks have all-expense ski-tours. Pan American World Airways*, Trans World Airline, KLM*, Swissair*, Air France*, Italian Airlines, BOAC, Sabena, Scandinavian Airlines*, The Cunard Line, The French Line, The Holland-America Line, The Swedish America Line, The Norwegian America Line, American Export Lines, The Italian Line, The Home Lines, The United States Line. For details on transportation, hotels consult your travel agent.

In the spirit of the letter

Whether you are sending a formal invitation to a new acquaintance or rambling on to an old friend, your notepaper should be smart. From these styles, select the one that fulfills your needs, suits your personality



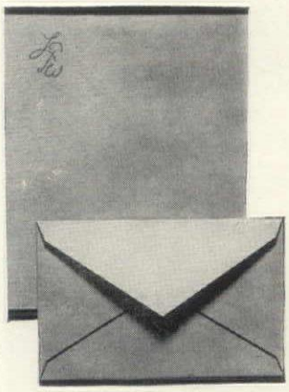
PARTY INVITATIONS gain distinction from the folded Baronial note, right, in Crane's pearl white kid finish with a gold bevel edge which calls for gold monogram. 100 notes, 100 envelopes cost $8.



A COUNTRY ADDRESS would be suitable die stamped in fine lettering on the Music Gray Orleans half sheet, left. Lines, gray on white, run diagonally on the envelopes. You get 51 sheets, 50 envelopes for $3. Not available before January 1.

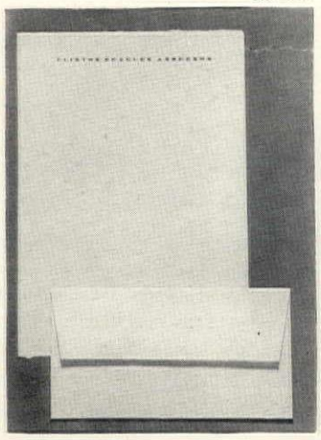
MIEHLMANN

CLASSIC, IMMACULATE, the kid finish, pearl white Orleans letter paper, right, would suit any man, appeal to a conservative woman. The sheets are double-folded. 51 sheets and 50 envelopes cost $3.50.



WRITE casual notes on kid finish Wedgwood Blue Edith half sheet, left, bordered top and bottom with darker blue. 51 sheets, 50 envelopes, $3.50. These available after January 1.

GRIGSBY



MAN-SIZE (sheet is 10" high) Raveledge vellum white Albemarle single paper, right. 100 sheets $3, 100 envelopes $3.60. All stationery shown on this page by Crane available at Lord & Taylor, New York.

All prices approximate. Die and stamping charges additional.

FIREPLACE WARMS ALL THE ROOM, EVEN ADJOINING ROOMS

CIRCULATES HEAT!

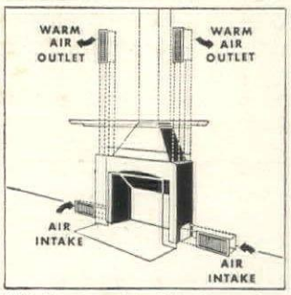
Build your fireplace around the Heatilator* Fireplace unit and enjoy the cheer of an open fire *plus* cozy warmth in every corner of the room. The Heatilator Fireplace saves heat usually wasted up the chimney. Draws air from floor level, heats it, and circulates it to warm all the room and even adjoining rooms.

Will not smoke

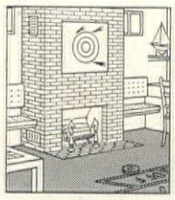
The Heatilator unit is a scientifically designed steel form, complete from floor to flue, around which any style fireplace can easily be built. It assures correct construction, eliminates common causes of smoking. Best of all your Heatilator unit *adds little to the cost of the completed fireplace.* It provides all the vital parts of the fireplace — saves the cost of a separate damper, firebrick, and masonry otherwise required — and on most jobs reduces time and labor.

Cuts furnace operation

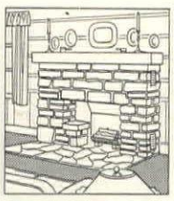
A Heatilator Fireplace makes furnace fires unnecessary on cool Spring and Fall days, cuts weeks from the furnace season, dollars from fuel bills. Use it to supplement furnace heat during bitter weather or as an auxiliary heater in case of fuel shortage or furnace repairs. In mild climates the Heatilator Fireplace furnishes all the heat needed by many homes.



This phantom view of the picture above shows how the Heatilator draws in air at floor level . . . heats it and circulates warm air to all corners of the room.



Ideal for basement recreation rooms



Makes summer camps usable months longer

PROVED BY 24 YEARS USE

Your fireplace is a long term investment. Get the one fireplace unit that has proved itself in thousands of homes for 24 years. Look for the name "Heatilator" on the dome and damper handle of the unit you buy. Accept no substitute. See it at leading building material dealers everywhere. Mail coupon today! Heatilator, Inc., 741 E. Brighton Ave., Syracuse 5, N. Y.

* Heatilator is the reg. trademark of Heatilator, Inc.

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T.M. REG. U.S. PAT. OFF.

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741 E. Brighton Ave., Syracuse 5, N. Y.

Please send free booklet showing pictures and advantages of the Heatilator Fireplace.

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Inherited Good Taste...

a joy forever!

You recognize her instantly . . . the woman whose taste is inherited . . . whose sense of beauty is poised and sure. She enjoyed the happy privilege of learning early the little amenities that smooth the social pathway. And she's careful to give her daughters the same training.

Dinner is a rite in her home . . . the table beautifully arranged even for the simplest family meal. Of course, there are always candles—tall, graceful Taperlites to shed their flattering glow on crystal and silver. Beauty that is reflected in the easy grace of her children's manners.

Be Sure You Get

Taperlite*

Buy Taperlites by the dozen at your favorite store . . . packed in convenient pairs in the distinctive new "Two-Pack"!

Look for the exclusive Taperlite FIRM-FIT end. Easy to place; holds the candle proudly upright.

Choose from lovely Taperlite colors to match your gown, the pattern of your china, the color of your centerpiece or the major decorative accent in the room.

* Reg. U. S. Pat. Off.

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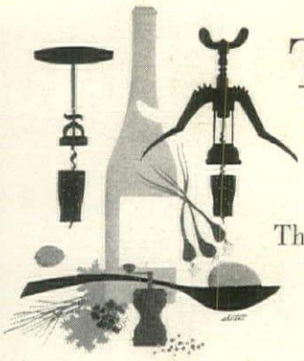
CANDLE CO., Inc., Syracuse, N. Y.
Leading Candle Craftsmen for nearly 100 years



Turns with a corkscrew

These ready-made cocktails involve minimum space, effort

WHETHER you spend your winter holiday along the Gulf Stream, in a ski spot or stay at home, cocktail parties are sure to be included among your activities. The thoughtful hostess wants to provide a choice of refreshments for her guests, yet she may lack the space to store the numerous ingredients that go to make old-fashioneds, daiquiris, whiskey sours, Manhattans, martinis. The solution is the time-saving, ready-made cocktail, five varieties of which we show. By speeding preparations, it allows you to enjoy more minutes with your friends. You need add only ice to it for, in the case of the Manhattan and the Gibson, even the garnish has been thoughtfully included by one maker. All taste as well "on the rocks" as shaken. With a mere three bottles on hand, you can provide a barman's choice, feel like an invited guest.

AFTER A WINTER'S DRIVE, a Manhattan or a Gibson. Crosse & Blackwell's have cherries in the top of the first; onions with the second, both in separate sections of the bottles. Lined pigskin gloves cost $12.50 from Abercrombie & Fitch.

FOR A COCKTAIL PARTY, ready-made daiquiris, whiskey sours, Heublein. Artichoke buds in oil, cheese straws, Hammacher Schlemmer. "Harcourt" cocktail glass, $7.75 ea., "Gobelet Americain," $5.50 ea., crystal ice bucket, $150, Baccarat & Porthault. Directoire screen is from Orleans House Inc.

MIEHLMANN

BEFORE FLYING TO EUROPE, a toast with old-fashioneds or an extra-dry martini. These from Hiram Walker & Sons, Inc. Old-fashioned glass is $1.75, Bloomingdale's; the Bessa camera, "Voigtlander," $48, Abercrombie & Fitch.

Cannon shopping guide

You'll find Cannon's "DuBarry" towel—shown opposite—featured at better stores, including:

ATLANTA—Rich's
BALTIMORE—HUTZLER'S
BIRMINGHAM—Burger-Phillips
BOSTON—Filene's
BUFFALO—J. N. Adam & Co.
CHICAGO—Mandel Brothers
CINCINNATI—Alms & Doepke
CLEVELAND—Halle Bros. Co.
COLUMBUS—F. & R. Lazarus & Co.
DALLAS—A. Harris & Co.
DAYTON—Rike-Kumler Co.
DENVER—The May Co.
DETROIT—J. L. Hudson Co.
FT. WORTH—W. C. Stripling Co.
HARTFORD—G. Fox & Company
HOUSTON—Foley Bros.
INDIANAPOLIS—The Wm. H. Block Co.
LOS ANGELES—J. W. Robinson Co.
LOUISVILLE—Stewart's
MIAMI—Burdine's
MILWAUKEE—Boston Store
MINNEAPOLIS—The Dayton Co.
NEWARK—Bamberger's
NEW ORLEANS—D. H. Holmes Co. Ltd.
NEW YORK—R. H. Macy & Co.
OAKLAND—H. C. Capwell Co.
PHILADELPHIA—Strawbridge & Clothier
PORTLAND—Meier & Frank
RICHMOND—Miller & Rhoads
ROCHESTER—Sibley, Lindsay & Curr Co.
SAN ANTONIO—Joske's of Texas
SAN DIEGO—Marston Co.
SAN FRANCISCO—The Emporium
SEATTLE—The Bon Marche
ST. LOUIS—Scruggs-Vandervoort-Barney Inc.
SYRACUSE—Dey Brothers
TOLEDO—LaSalle & Koch
WASHINGTON—Woodward & Lothrop

Madame, meet Du Barry!

Oo la la! — look what's here!
Another Cannon charmer, named in honor of the lady who snared so many hearts! DuBarry would adore the roses Cannon's wrought into this new towel design. Almost like damask — it's so soft, so rich, so outright romantic to have around today! Of course, with the famous golden Cannon label that marks the *freshest* towel fashions, the *finest* towels made. At leading stores — in dreamy colors: Petal Pink, Aqua, Mimosa Yellow, Flamingo, Citron and White. Complete matching ensembles. Bath towels about $1.98.

CANNON MILLS, INC., 70 Worth Street, New York City 13

Towels • Sheets • Stockings • Blankets • Bedspreads

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MADE IN U.S.A.
CANNON
fine quality

for towels to treasure

plan with masland *Duran** all plastic upholstery covering

Picture this sectional sofa in your living room! Lovely, isn't it?... Sofa and tables are covered in genuine Masland Duran all-plastic upholstery... so beautiful on all styles of furniture for any room in your home.

SEND FOR FREE DURAN FOLDER WITH SAMPLE

All plastics are not the same!
Only MASLAND makes DURAN.
This tag is your protection.

THE MASLAND DURALEATHER CO.

Dept. G, Philadelphia 34, Pa.

*TRADE MARK REG. U.S. PAT. OFF.

Write for these booklets

GARDENING

Garden Gems contains one of the world's largest listings of roses, including the All-America Rose Selections chosen over a ten-year period, and an excellent rose index. Featured here also are perennials, azaleas, flowering shrubs, clematis, vines and other plants. Bobbink & Atkins, HG 1, E. Rutherford, New Jersey.

Wayside's catalog stresses, as always, excellent cultural notes to guide you in the growing of roses and lilacs, gladiolus, iris and a large group of perennials. A complete index is helpful. 50c. in coin or stamps. Wayside Gardens, 30 Mentor Avenue, Mentor, Ohio.

Rose Book and Garden Catalog features the All-America rose winners, also popular favorites. The latest and best annuals and perennials are described for your selection. Highlighted are the sweet pea and zinnia Kolorcoat Seeds, coated and individually colored with the shade the flowers will be. Germain's, Dept. HG 1, Los Angeles 21, California.

The Parade of Modern Roses and Perennials contains the outstanding new roses of the year, as well as Fashion, the greatest award winner of all time, and New Yorker, a top red rose; also many tree roses, floribundas, climbers. Jackson & Perkins, 330 Rose Lane, Newark, New York.

Ferry's Home Garden Guide lists average hard-frost dates, includes plant guides for vegetables, flowers, cultural notes and an extensive collection of seeds. Instructions are elaborated by diagrams. Ferry Morse, HG 1, Detroit 31, Michigan.

Star Roses, Spring 1951 presents an outstanding collection of roses of all types, illustrated in full color. The largest known group of miniature roses offered in this country and new large Star Rose varieties are shown. Also featured is a fine selection of garden chrysanthemums, other excellent new perennials. The Conard-Pyle Co., HG 1, Star Rose Growers, West Grove, Pa.

Famous Flowers and How to Grow Them contains descriptions of many exciting garden novelties of rare beauty—among them Snow White Regal Lilies, Crimson King maples, Tousle-head mums, azaleas, gardenias, daisies, double Russian violets. A second book, *Fun, Fruit & Dollars* shows and tells how to grow strawberries, raspberries, boysenberries, cherries, apples and other quality fruit. Both free. R. M. Kellogg Co., Box 502, Three Rivers, Michigan.

Garden Specialities 1951 catalog includes among its prize-winning varieties: ageratum, alyssum, snapdragon, cleome, Golden African daisy, Larkspur Supreme, lupines, marigold, Petunia Snowstorm. You can have flowers all summer long, and each collection has a planting layout which you can rearrange to suit your preferences and garden needs. Peter Henderson & Company, 36-1 Henderson Building, 35 Cortlandt Street, New York 7, N. Y.

Armstrong Nurseries 1951 catalog has First Love on its cover. This new rose in a dawn-pink shade has long urn-shaped buds, delicately shaded flowers, pointed petals. Bravo, a bold red rose and Sutter's Gold, a three-medal winner, are available in this selection of fine roses. Armstrong Nurseries, 407 North Lemon Ave., Ontario, Calif.

Garden Grandeur has Diamond Jubilee and the New Yorker, two fine roses, on its cover. Inside the book the top ten All-America Rose Winners for all time are pictured, along with the 1950 winners. A 1951 collection shows 10 all-time favorites, hybrid teas, floribundas, climbers. Arp Roses Inc., P. O. Box 178-J, Tyler, Texas.

Vaughan's Garden Book presents flowers, vegetables, depicted in full color, elaborated with cultural notes. By following directions, you can produce a garden of flower favorites and one filled with choice vegetables. Vaughan's Seed Co., Dept. 81, 10 W. Randolph St., Chicago; 49 Barclay St., New York 7.

Totty's catalog has hybrid delphiniums on its cover. Shown inside are new varieties of English and Australian chrysanthemums, as well as U. S. introductions. Golden Scepter and Orange Delight, two fine roses, are among the favorites, and a surprise element is the dwarf hollyhock "Pompadour" which has not been grown here before. Catalog, available late January, is 25c. Totty's, Dept. G 1, Madison, N. J.

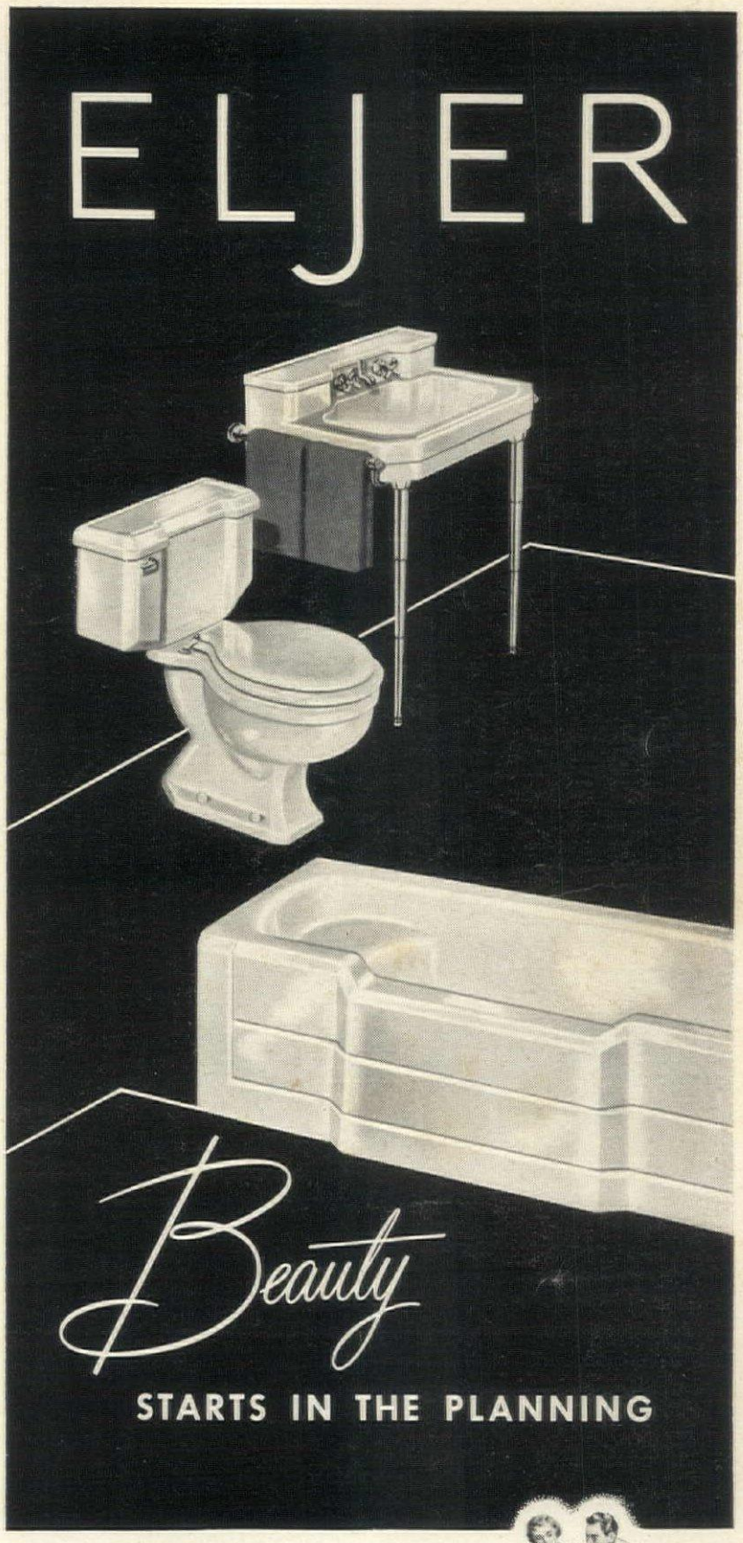
DECORATING

Color your home with fabrics tells you about Waverly Bonded Fabrics. They are cleverly designed for easy and exact color harmony so that whatever your preference, you'll find it made by Waverly in either solid color or pattern. You'll want to invest in Waverly Fabrics to provide a brilliant accent in town house or country. 10c. Waverly Bonded Fabrics, Div. of F. Schumacher & Co., HG 1, 60 W. 40 St., N. Y.

World's most beautiful lighters titles an Ascot folder which shows the Pagoda table lighter, shaped in the Chinese style, the Heritage model, the Classic (Grecian in design) and many styles of pocket lighters designed to please everybody. ASR Products, Lighter Division, HG 1, 315 Jay Street, Brooklyn, New York.

From American Sands and Artists' Hands is a picture story about handmade glass. It tells what glass is composed of, describes the processes of making it, and the men and women who work to make the fine glass you buy for your table. 25c. Viking Glass Company, HG 1, New Martinsville, West Virginia.

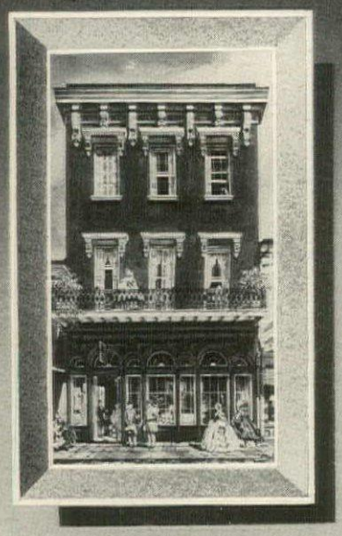
Color Harmony Kit has 10 basic-color crayons, planning sheets, color charts and a booklet of ideas for decorating. Instructions tell you how to sketch color schemes and each planning sheet, when sketched, shows as many as 6 different schemes for rooms. Price is 25c. Imperial Paper and Color Corporation, HG 1, Glens Falls, New York.



For a bathroom that excites admiration, architects and builders suggest style-matched plumbing fixtures. For extra beauty, we suggest Eljer, in lovely pastel colors, or immaculate white. You *will* get quality; the finish of Eljer Fixtures cannot fade, become dull or lifeless. Bathtubs have an extra-thick enamel coating, fused to a *rugged, rigid, cast-iron* base. Vitreous China Lavatories and Closet Combinations resist stains and are impervious to all ordinary acids, because they are *real* china. So, be *sure* . . . write Eljer Plumbing Fixtures into your plans.

Ask your plumbing contractor, builder or architect to help you select the exact combination of fixtures you want for bathroom, powder room, kitchen or laundry. For free booklet, write Eljer Co., Box 192, Ford City, Pennsylvania.

ELJER CO. FACTORIES AT FORD CITY, PA., SALEM AND MARYSVILLE, OHIO



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HEMENWAY

NEW ORLEANS

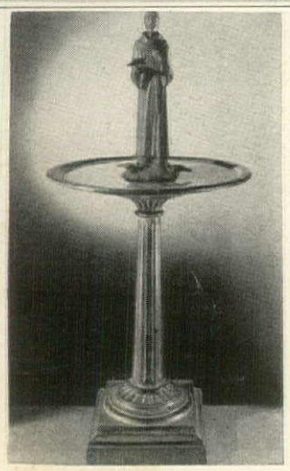
In the historic French Quarter of old New Orleans, a Royal Street mansion has been restored to its ante-bellum splendor to house the fabulous Hemenway establishment. In this elegant atmosphere, the large Hemenway collection of fine furniture and rare accessories is displayed. Here, too, master craftsmen work under the direction of an accomplished staff of interior decorators.

HEMENWAY NEW ORLEANS

521 Royal Street

SHOPPING

You may order all merchandise shown in Shopping Around (editorially and in advertisements) by writing directly to the shops. Enclose check or money order, as few of them handle c.o.d.'s. You may return for refund any item not personalized if you return it promptly by insured mail and in an unused condition.



"ST. FRANCIS AND THE BIRDS"

The famous statue of St. Francis, with birds in hand and at base, reproduced in antique-finish lead, 19" high. The Victorian cast iron bird bath is 22" in diameter, 31" high, white, black or Pompeian green finish.

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Hand Carved

LAMP TABLE

Solid Mahogany Top $49.50

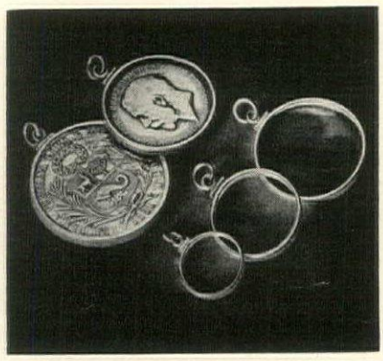
White Marble Top $65.00

This exquisite Victorian masterpiece is solid, hand-carved Honduras Mahogany, hand-rubbed to a rich, warm glow. Top is 18" x 14"; height 28". No C.O.D.'s, please. Ship'g chges. collect; shipping wt. 60 lbs. A rare value. Order now.

Send 50c for complete Album of Victorian Masterpieces

NETHERBY HALL

Box 96-B, Station E, Atlanta, Ga.



To dangle from your bangle. This most ingenious device, most useful fashion accessory is a sterling-silver coin holder for your lucky silver dollar, your choice foreign coins. Easy to adjust to your bracelet. $1.50 ppd. for 1c, 5c, 10c size; $2 ppd. for 25c, 50c, $1 size, Fed. tax included. Wayne Silversmiths, 546 S. Broadway, Yonkers, New York.

Such comfort! A radio-bed lamp is the clever combination most needed for after-retiring luxury. Listen to the last newscast, glance through the paper and when you're drowsy turn lamp-radio off with one motion. About 9½" x 5½", it has an ivory or walnut plastic case. $32.45 ppd. Scully & Scully, 506 Park Avenue, New York.

Made of natural colored grass tightly woven into 12" squares approx. ⅜" thick. Worn out squares can be easily replaced to make your entire rug look like new. Sewn to any shape and specifications in even square dimensions. Only 25c sq. ft.

BAMBOO BLINDS—Made of clean natural-colored split bamboo fully equipped with pulleys and pull-cord for immediate and simple installation.

Sizes	¼" slats	match-sticks	Sizes	¼" slats	match-sticks
2½'x6'	$2.25 ea.	$3.00 ea.	6'x6'	$5.40 ea.	$7.20 ea.
3'x6'	$2.70 ea.	$3.60 ea.	7'x6'	$6.30 ea.	$8.40 ea.
4'x6'	$3.60 ea.	$4.80 ea.	8'x6'	$7.20 ea.	$9.60 ea.
5'x6'	$4.50 ea.	$6.00 ea.	10'x6'	$9.00 ea.	none

ALL SIX FOOT DROPS

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Album of Fine Oriental Gifts

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EPERGNETTES

Designed to transform your candlesticks!

Beautiful, clear, exquisitely fashioned glass Epergnettes that transform your candlesticks into lovely flower or fruit holders. Will fit any candlestick with hole 1-in. or more deep and ¾-in. in diameter. Epergnette is 5½-in. in diameter, 2½-in. deep. Prepaid **$3.50** PAIR

Send check or money order. Sorry, no C.O.D.'s

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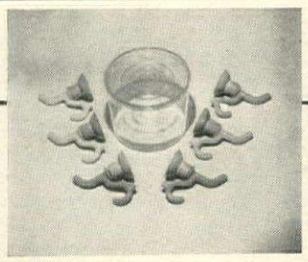
HOUSE AND GARDEN STORE

524 N. Charles St. • Baltimore 1, Md.



HANDI-HOOKS. How many times have you wanted a temporary hook in a convenient place — in the bathroom, in the car, kitchen or most anywhere? These little plastic hooks with their suction cup fasteners are the answer. Up or down in a jiffy without marring the wall — they may be attached to any smooth surface and will support up to six pounds. Ideal for children because they can be placed at convenient height. Six hooks all of one color or in assorted colors of pink, blue, yellow, green, red or mahogany — packaged in a durable clear plastic container that also has many uses.

$1.00 ppd. No C.O.D's., Please

MADISON HOUSE, INC.

55 POST ROAD, MADISON, CONN.

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"DREAM HOMES"—

before you build or buy

Why risk disappointments or expensive alterations? Build a ¼" scale model of your dream house with Plan-O-Blocks! See it from every angle . . . alter in advance to fit your needs. No toy—accurate enough for cost estimates. Standard set makes thousands of models. Or, send sketch of your own design . . . we will send required blocks.

SPECIAL 10-Day Trial Offer

Send $19.95—check or money order. Blocks sent postpaid. *Money refunded if set returned within 10 days.*

PLAN-O-BLOCKS

323 Capitol Bldg.

Binghamton, N. Y.

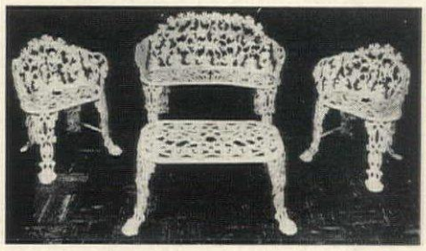
AROUND

Linen Club. Perfect for bride-to-be, bride or established housekeeper to join. Through it you can order your heart's desire: a small, medium or large trousseau. The 96-piece one (the largest) is $299.75, all monogrammed. Send for a complete description of the three to Franklin-Bayer, The Linen Shop, 630 N. Michigan Avenue, Chicago, Ill.

Repoussé silver, gleaming crystal, a charming accessory for tea table or cocktail tray. Or use these two lovely pieces for tiny hot canapés or stuffed eggs. Sterling-silver rim, fork handle decorated with repoussé roses. Center of dish is crystal. About 5". $12.60 ppd. tax incl. Nelmor Jewelers, 901 Bergen Ave., Jersey City, New Jersey.

French Limoges five-sectioned dish for your favorite hostess. About 11" in diameter, it has a soft white background, brilliantly colored birds, flowers and leaves. The well balanced handle and graceful rim are trimmed in gold. Wonderful relish or candy dish. $30 postpaid. Alfred Orlik, 745 Fifth Avenue, New York, N. Y.

Attractive prices on these



Authentic
CAST IRON AND CAST ALUMINUM REPRODUCTIONS

All painted in long lasting white grape or leaf design. Graceful and strong. Fashioned by skilled craftsmen.

This complete set in grape design, with large settee.	$72.00
Large settee #601 *39" wide*	$25.00
Armchairs #602 *22½" wide*	$18.00 ea.
Table #160 *30" wide*	$11.00

Antique Foot Scraper and Umbrella Stand

Exact copy of New Orleans antique. Combination foot scraper and umbrella rack. Painted white or black. 17" high. Base 11" wide. $6.50

Just the thing for Your African Violets

or other hobby plants. White. 11 movable arms, ranging from 14" at base to 7" at top. Flowers and pots not included. Send $24.50.

WALL BRACKET for FLOWER POTS

12" long, 6" high. Pot holders 4" and 5" diameter. Cast Aluminum only. Painted White or Gold. $4.50.

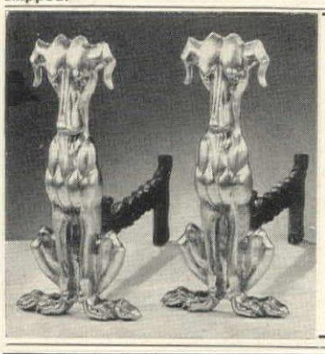
Many other Cast Iron and Cast Aluminum items at attractive prices

Also Round-the-tree Benches

Send check or money order. Crated free. Pay freight or express when you get shipment. Indicate which way you want it shipped.

Send for catalog of other items

J. F. DAY & CO. Dept. G-1 1903 4th Ave., South Birmingham 3, Ala.



FAITHFUL HOUND DOGS

ANDIRONS

This handsome pair of hounds will take very seriously the job of guarding your hearth. Made from a very old pattern, but a new popular size, with adjustable log rests.

18" High and weigh 47 pounds

Solid Brass Dogs..... $29.95

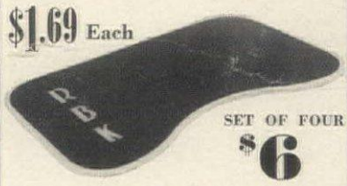
Cast Iron, black satin finish..... $19.95

Catalog of other sizes 9 cents. Transportation collect.

TENNESSEE CHROMIUM PLATING CO.
206 Louise Avenue Nashville, Tennessee

PERSONAL LAP TRAYS

$1.69 Each



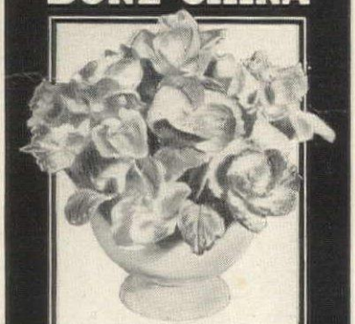
SET OF FOUR $6

Super-useful—for serving, writing, sewing, as a reading rest or bed tray! The huge tray, almost 15" deep, fits across the arms of most chairs and is curved to fit your lap. Durably constructed of laminated wood fiber panels. Hard-to-hurt finish of deep forest green lacquer. Edges are bound in white. Your two or three initials in 2" high white letters. Order No. PA4424.

WRITE FOR FREE CATALOG

Miles Kimball Co.
100 BOND ST., OSHKOSH, WISCONSIN

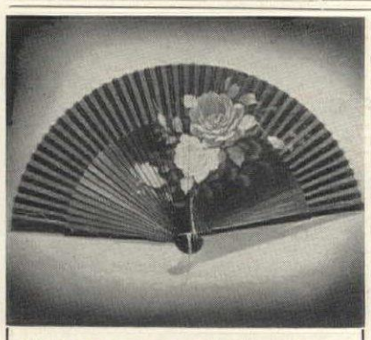
ENGLISH BONE CHINA



Floral Pieces

America's largest retail selection at lowest prices of open stock English Bone China. New dinnerware booklet will be sent on request.

Herbert S. Mills
11 KING ST. E. - HAMILTON, CANADA

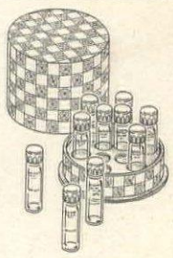


IMPORTED SILK FANS

There's a great vogue for attractive fans such as this—to carry on special occasions and to display, with art objects, in a wall shelf. This one is especially lovely. Brilliant hand-painted roses against a sharp contrast of black, outlined in gilt. Touched with tinsel sparkle. The fan opens to a full 15 inches—is 8½ inches high. Sent postpaid for just $1.

Write for our free catalogue

J. J. ANTHONY
Box 402 Milwaukee, Wis.



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Roman Bath Oil

The most luxurious of all Bath Products

In an assortment of fragrances:
Box of 10 vials—$9.00, Box of 5 vials—$4.50,
Chest of 21 vials—$18.00

In your favorite scent: 1 oz.—$3.00,
2 oz.—$5.50, 4 oz.—$10.50, 8 oz.—$19.50

All plus 20% Federal Tax

White Lilac • Tapestry • Strategy
Carnation • Gardenia • Yram

MARY CHESS
334 PARK AVENUE · NEW YORK

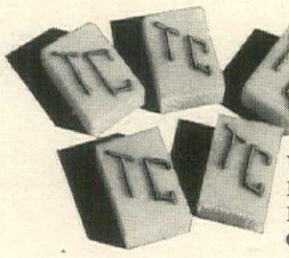
Box of 30
$1.

Floral Sugar Cubes

Sparkling cubes of sugar with deftly applied raised Hyacinths, Lilies of the Valley, Tulips, Poppies, Violets and Jonquils in full-color spun sugar! (Designs are of pure vegetable dye that won't affect taste.) Five each of six different designs, 30 oblong cubes in all. Large 1⅛" cubes. Order No. HF4594. $1 Postpaid.

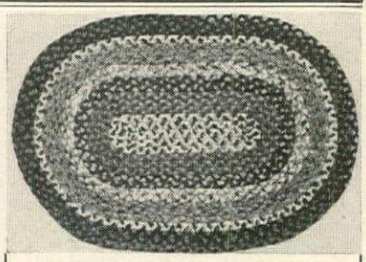
Monogrammed Sugar Cubes

Be the smartest hostess in your set! Glistening cubes with your one or two-initial raised monogram hand-applied in soft ice-blue spun sugar, a color created by us to go smartly with fine china and silver. Pure vegetable dye. No. F4582, box of 30 cubes, **$1.25.** F4582a, 60 cubes, **$2.39** ppd.



WRITE FOR FREE CATALOG

Miles Kimball Co.
100 BOND ST. OSHKOSH, WIS.



Old Fashioned Braided Rugs!

At A Saving of 30 to 40%

These rugs are machine made from new, all wool headings, of assorted colors, in Old Colonial style—in a hit and miss pattern—but can be basically, red, blue, green, burgundy, etc. Tell us the size and color and enclose check or money order.

We suggest that you purchase a small rug of the color you desire with a money back guarantee.

24" x 36"	$ 6.25	6' x 9'	$ 54.50
27" x 48"	7.95	8' x 10'	81.25
3' x 5'	15.25	9' x 12'	108.75
4' x 6'	24.25		

Available in Rounds up to 12' x 12'

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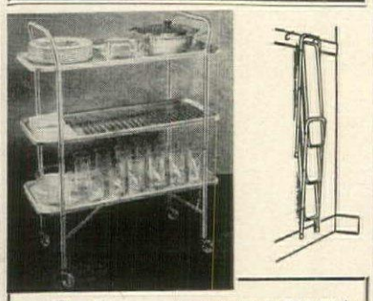

Rolling **TRAYTABLE***

It Folds! It's Featherweight!

This handy utility table saves many steps. Indispensable for indoor and outdoor service. Sturdily built of non-stain aluminum. Three tiers 13½" by 31", height 37". **$11.95**

***In luxurious dull gold finish.* $17.95**

*trademark (Postpaid in U.S.A.)

Send 10¢ for "Tippler" Catalog 26

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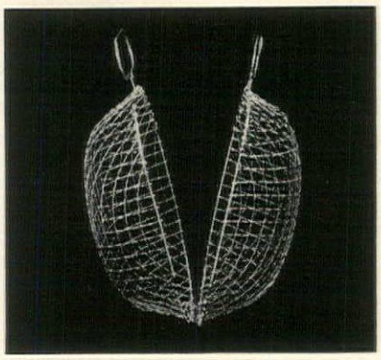
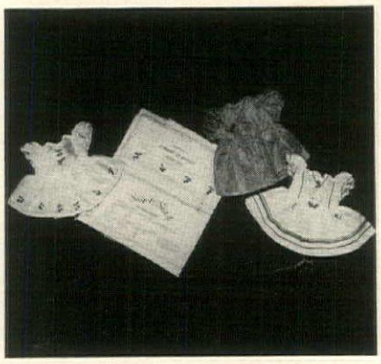
America's Most Unusual Store
Bobbie Ganger, Executive Director

SHOPPING

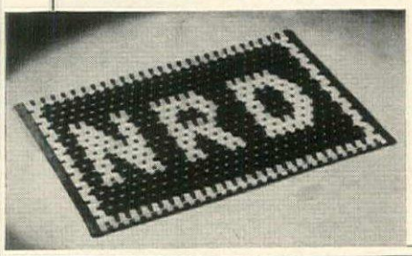


Crisp, dry greens are the secret of good salad. To wash them well and drain them well you need a wire basket like this English import. Of rust-proof heavy-gauge wire, it is strongly made, has sturdy handles. Use it, too, for washing grapes, for storing eggs. It's only $1 ppd. Order from Damar, 22 Treat Pl., Newark, N. J.



Never too young to learn how to sew. And how the seven- to 16-year-olds will love this Snip and Stitch kit. Three dear little doll dresses (to fit 14" to 18" dolls) come in the kit. Cut along indicated lines, sew seams and hems, and the doll has *three* new taffeta dresses. Assorted colors, $1 ppd. Order from Schaffer Gift House, Springfield, New Jersey.

Colored
RUBBER DOOR MATS



Your front entrance will do you proud, and guests will receive a warmer welcome if they scrape mud from their shoes on this good-looking rubber mat. Now available in Red, Black, White, Green or Brown with three initials worked into the pattern in any contrasting color.

16" x 24"	(without border)	$ 6.50
20" x 30"	(with border)	9.95
24" x 36"	(with border)	13.50

Postpaid
No C.O.D.'s please

EUNICE NOVELTIES Dept. G-11
Our 11th Year
P.O. Box 41 Rego Park, N. Y.

Cats Love to CLAW Furniture

KITTY CHAPERONE STOPS THEM

Cats are independent and seldom do as they are told, especially about keeping off furniture, sharpening claws on the legs, or tearing upholstery. Keeps cats off beds and furniture and away from anything you want to protect from hairs or clawing. Just shake on—you can't smell it; cats avoid it! Absolutely harmless. Generous supply, shaker package $1.

SEND NO MONEY!
Order Kitty Chaperone C.O.D. $1 plus postage (or send $1 bill at our risk and we'll pay postage).
Money-Back GUARANTEE

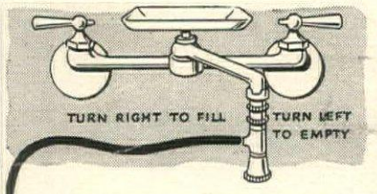
Powder Chaperone

Keeps Dogs off Furniture!

Protects chairs, sofas, rugs, anything you don't want your dog to use. Just shake on some **Powder Chaperone.** You can't smell it; dogs avoid it! Safe and easy way to train—prevent puppy damage. **Powder Chaperone,** Shaker Package $1.

FOR OUTDOORS
Liquid Chaperone keeps dogs, cats, other animals away from garbage pails, shrubs, evergreens, gardens. Just spray on; does not wash off. Harmless. 8 oz. $1.

SUDBURY LABORATORY
Box 462, South Sudbury, Mass.



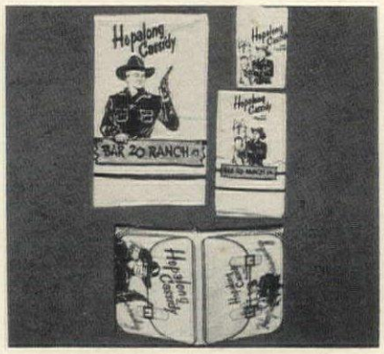
Fill or drain
your washer—fish tank —tub
automatically

With this siphon hose device attached to your faucet you can fill or drain heavy receptacles without lifting by merely turning the valve to right or left. Use it as a drain pump for cellars or small pools. Adaptable to threaded or smooth faucets . . . single or swing spouts. With 5' length of hose.

$3.95 *Postpaid* *For longer hose add 75c for each five feet*

METALACE CORPORATION
Dept. 616 2101 Grand Concourse
New York 53, N. Y.

AROUND



Hopalong for the evening bath. And most young 'uns will hop right into the tub without a sound if their towels and washcloths have Mr. Cassidy's likeness (large size, too) reproduced on one end. Three-piece set $3.95 ppd.; the plasticine saddlebags to hold the towels $2.95 ppd. Order from Pee Wee House, Culver City, California.

Handsome reproduction. Lazy Susan dining table exact in every detail to the original from which it is copied. About 52″ in diameter, 32″ high, it seats eight people. The revolving top is 28″ in diameter and can be removed. Made of magnificently finished pine, it has a glowing honey color. $107.50 express collect. Jenifer House, Great Barrington, Mass.

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Enroll me as a member of the Nelmor Sterling Club. Send me .....place settings of ..... pattern. I will pay $2.00 per month for each setting. Prices include federal tax and are for one six piece place setting: Teaspoon, Salad Fork, Butter Spreader, Cream Soup Spoon, Knife, Fork.
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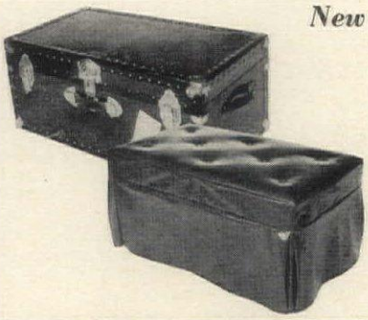
Nelmor JEWELERS
901 BERGEN AVENUE
JERSEY CITY 6, N. J.



New AND NEWS!

"Lock-O-Cover"

Transform your foot-locker into a handsome bench plus extra storage space with "Lock-O-Cover." Made of Boltaflex plastic leatherette, it's sturdy, easy to keep clean with a whisk of a damp cloth. Fits standard size . . . 13″ high, 31″ long, 16½″ wide. Dark red, blue, green, tan.

$8.95 ppd. *2 weeks delivery*
(add 50c west of the Mississippi)
Send check or money order. No C.O.D.'s please
Box #3051
MARLOS & CO. Bluefield, W. Va.

JUGGLING CLOWNS

They're rollicking young fellows, determined to put on a continuous, decorative performance in your home. One balances the big-tricolor ball on his head, another on his toes and the lazy fellow balances it on his nose. Cleverly designed of imported white china sprinkled with colorful polka dots. Average 7 inches tall. Certain to delight modern, knowing tastes. *Set of 3 figures*, sent postpaid, **$6.50.**

Louisa Powell's Gifts
Box 1417, Milwaukee, Wis.

INTRODUCTORY SALE

LANAFUR COMFORTERS

(U.S. Pat. #2348807)

Regularly $29.75 to $39.50,

NOW $21.50

Lanafur has 3 full pounds of rare Furs intertwined with Virgin Wool. Animals have two sets of furs—the outer hairs to protect them from elements, and the soft downy fur next to the skin which we use exclusively. *Quilted in fine Satins and Taffetas.*

Compare Lanafur's 3 pound filler with 1¼ to 1½ pounds in ordinary down comforters, which shifts, sheds and does not have the warmth of Lanafur.

WORN COMFORTERS RE-MADE EQUAL TO NEW

Now is the time to care for your old comforters. If the outsides are shabby, send them to us for a complete remodeling.

LANADOWN
516 MADISON AVE. NEW YORK
Factory: 44 West 48th St., N. Y. C.

WASH FRAGILE THINGS SAFELY!

Lyon's Washing Bags

Designed to protect fragile or dainty articles while being washed in any type of washing machine. Also to enclose articles which are apt to tangle with the rest of the washing, such as aprons, children's dresses with ties, etc.

The mesh is small—does not catch on buttons, hooks, etc., as larger mesh would, yet it allows free passage of water through the bag. Closed with covered rust-proof snappers, allowing full capacity of bag to be used.

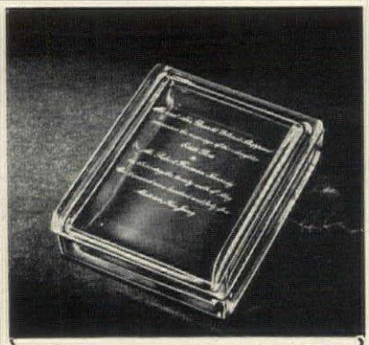
Set of Two Bags

Small bag, 11″x13″ for washing belts, doilies, handkerchiefs, gloves, lingerie, stockings, etc. Large bag, 17″x20″, for blouses, children's dresses, panel curtains, etc. Ideal for gifts and bridge prizes. Packed in cellophane. Mailed postpaid, both for..... **$1.85**

Extra large bag, 17″ x 26″ for ruffled curtains, etc.....$1.40

(No C. O. D.'s please)

LYON'S WASHING BAGS
2443 Hazelwood Detroit 6, Mich.



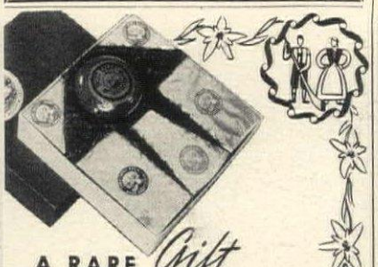
Invitation **TO SMOKE**

Send the next wedding invitation or announcement you receive to us and we'll etch it on a fine Fostoria glass cigarette box. The lucky couple will cherish forever such a lasting reminder of their wonderful wedding day. It measures 5¼″ x 4″ x 1½″.

$7.95 *postpaid.*

Gift-boxed and shipped directly to the bride, if desired. Delivery, about ten days. No C.O.D.'s please

HOLIDAY HOUSE
21 Bellevue Theatre Bldg., Upper Montclair, N. J.



A RARE *Gift of the world's finest*

AGED CHEESES

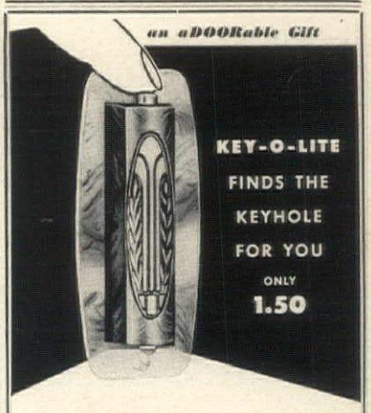
Your friends probably have never tasted cheese as delicious as this — aged in the real old-fashioned way in "America's Little Switzerland," — never sold in stores. This assortment contains 4 lbs. of everyone's favorites: June-cured Swiss, Old-fashioned Brick, Aged American, Golden Port Salut, and a Gouda. Delight your whole gift list with this treat!

Pack 4C — RED BOX — delivered - $4.65
Pack 8C — LARGE RED BOX — 5½ lbs. delivered - - - - - - - - $6.15

BOOK OF UNUSUAL GIFTS
New gift assortments are featured in this new booklet. Send for copy.

The Swiss Colony
3 Cheese Row • Monroe, Wis.

an aDOORable Gift



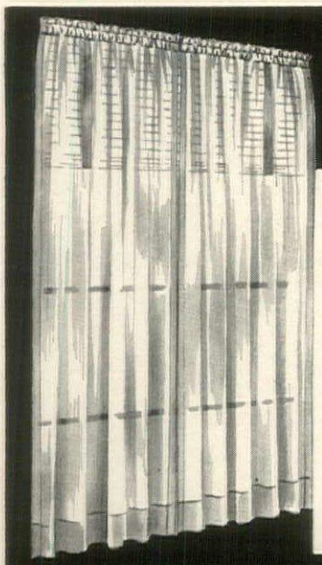
KEY-O-LITE FINDS THE KEYHOLE FOR YOU
ONLY **1.50**

Banish fumbling and grumbling at dark doorways with **KEY-O-LITE**

Decorative by day, a necessity at night, Key-O-Lite is ideal for your own home and for Shower and House Warming gifts. Designed in tarnish-proof rustic bronze polystyrene and ornamented with solid bronze shield, Key-O-Lite comes installation ready with replaceable self-contained battery, magnifying light bulb and 2 bronze screws. Only 1.50 postpaid. No C.O.D. or stamps please.

Send your order now to

KEY-O-LITE PRODUCTS CO.
405 E. 7th St., Newport, Ky.



ORDER NOW!
Hard-To-Get NYLON Tailored Curtains

Expertly tailored by a leading curtain manufacturer woven from DuPont Nylon. Extra sheer monofilament yarn. These curtains launder with almost no shrinkage and maintain that "like-new" sheerness and luster.

IVORY COLOR

All 76" wide to the pair

	Price per Pair
54" long	$4.99
63" long	5.49
72" long	5.89
81" long	6.19
90" long	6.49

Postage prepaid.

Send check or money order.

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Saint Louis 1, Missouri

Amazing New Plastic Glaze Fires in Kitchen Oven! Enables You to

DECORATE YOUR FIGURINES, GLASSES, CHINA

No Art Ability Required!

Now, you can add new beauty; give new life and usefulness to china, glassware, figurines, clay and metal objects—through this remarkable, handy DELLA ROBBIA GLAZE KIT. Contains everything needed to do an expert decorating job—New Instruction Book which reveals simple method of transferring any design or picture on glass or china; 2 sets Monogram Transfers; 12 beautiful jars of colors, plus clear glaze and thinner, brushes, etc.

Just brush on bright, sparkling liquid glaze and place in oven. Out come lovely, washable, glazed, decorated objects not affected by alcohol, cigarette burns. So easy anyone can transform inexpensive items into valuable gifts.

TRY IT 7 DAYS AT OUR RISK

Mail coupon below without money. We send you DELLA ROBBIA GLAZE KIT complete, for 7 days' trial. On its arrival, deposit $3.95 with postman, plus postage. Use kit generously. If not delighted, return at end of 7 days, and $3.95 deposit will be refunded. If delighted, we will consider deposit as payment in full.

Sculpture House, Dept. 221
304 West 42nd St., New York 18, N. Y.

Send me for 7 days' trial a Della Robbia Glaze Kit. On arrival I will deposit $3.95 with postman, plus postage. If not delighted I may return Kit for $3.95 refund. ☐ Check here to try De Luxe Kit No. 400D for 7 days. Contains gold and silver colors, luster powder, extra brush. Only $4.95. Same refund privilege if not delighted.

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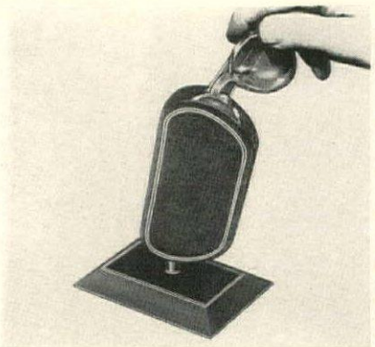
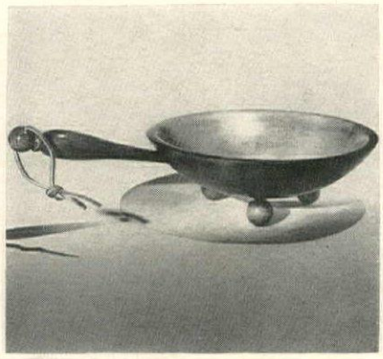


Spec-Rest can save you money, save you eyestrain. It's a handsome real leather accessory to hold your glasses, to prevent the lenses from being scratched. Keep one at the office, one at home. In brown, green, maroon leather with gold tooling. $8.10 ppd. Fed. tax incl. Treasure House, 45 Cedar St., Dobbs Ferry, N. Y.



Leather thong, tapered handle distinguish this handsome maple bowl. About 9" in diameter, with ball feet, it is a versatile serving piece: for fruit, popcorn, nuts or salad. Hand-rubbed to an antique patina. Wonderful for kitchens in the provincial manner. $4.95 ppd. Austin G. Van Hove, 3435½ Eighth Street, Riverside, Cal.

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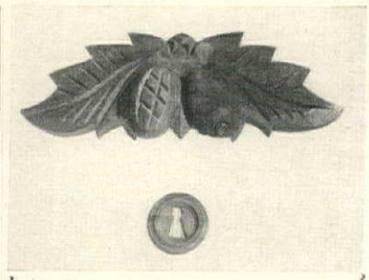

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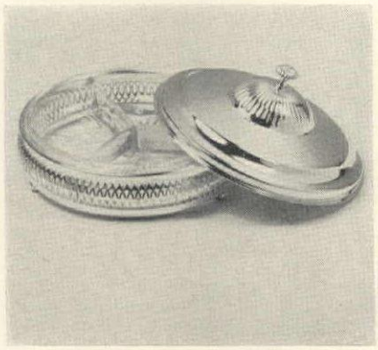
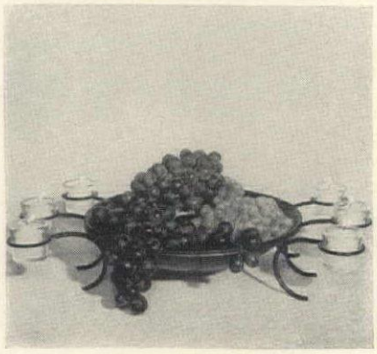


Tempting array. Serve sweets or nuts in this charming covered candy dish. The base of the dish is made of pierced silver plate, has a three-sectioned glass lining; the cover is silver plate with a shell decoration and a mushroom handle. It's a wonderful piece for a wedding present. $6.79 postpaid. R. H. Macy, Herald Square, New York, N. Y.



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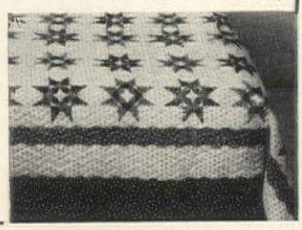

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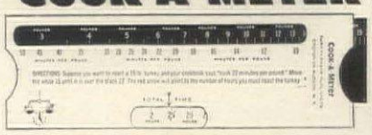

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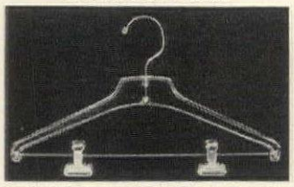

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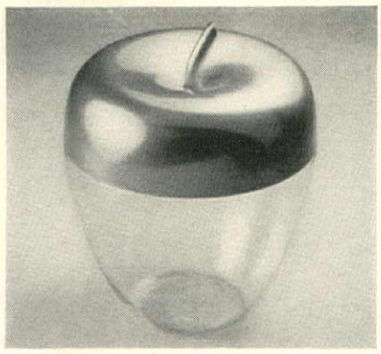
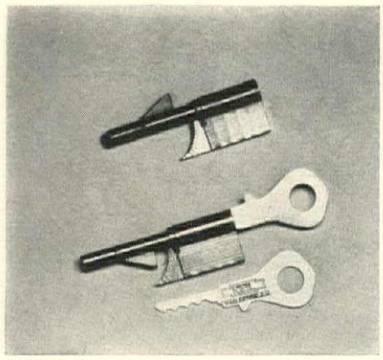


Golden apple (*not* the apple of discord, however). It's a most decorative container for cigarettes, candies, nuts or popcorn. The bottom is clear glass, the top a gold-colored metal. It would make a cunning powder jar for a dressing table or bowl for small flowers. $3.25 ppd. The Game Room, 1538 Conn. Ave., Washington, D. C.



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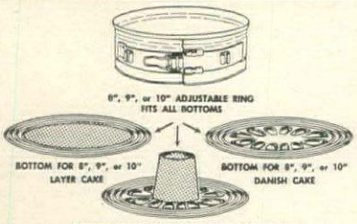

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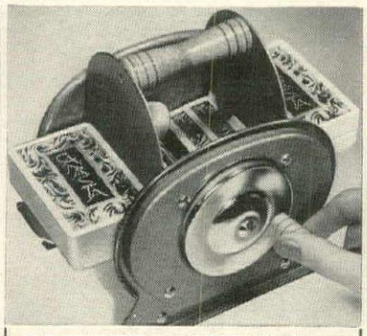

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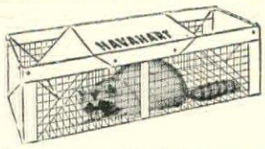

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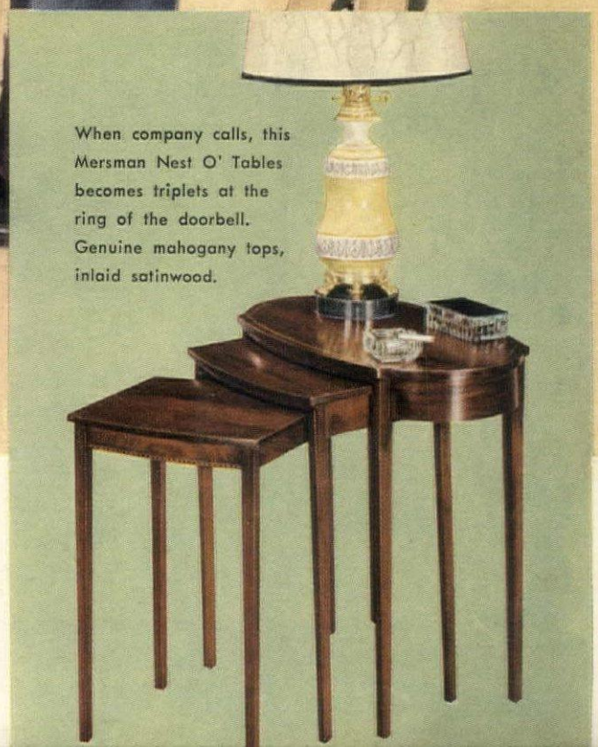

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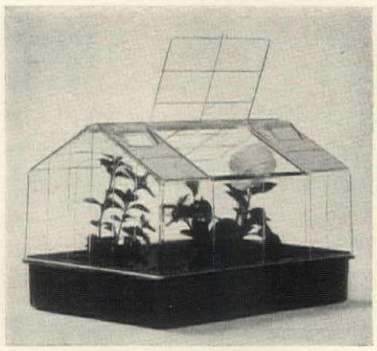

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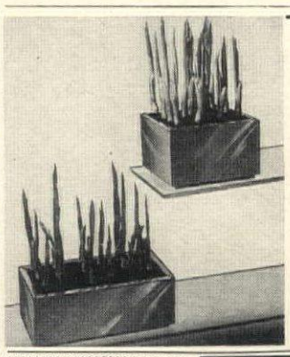

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- Even when your garden is covered with snow, you can have your own fresh flowers! These newly harvested Lily of the Valley pips will bloom in your home in just 18 to 21 days.
- When spring comes, plant these same bulbs outdoors, and the following year these lovely flowers will blossom all over again in your garden.
- The copper bowls, themselves, become useful containers after bulbs are removed. A wonderful idea for yourself . . . a delightful gift for your friends.

Square container, 5"x5", planted with 16 pips, **$7.00**
Oblong container, 8"x4", planted with 18 pips, **$8.75**
Pips separately, with planting material, **$3.00** *per dozen*

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HEATTAINERS laboratory tested. Keeps 8-oz. nursing bottle at proper feeding temperature for four hours. A boon to mothers—for night service, shopping, traveling or at home. Comes in Pink or Blue.

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NOW! LIGHT THE WAY TO YOUR HOME with "ADDRESS-O-LITE"*

Gives instant, positive house identification

Your house numerals really stand out with these smart new outdoor lamps. Visitors locate you in seconds by night and day. Also gives your doorway and porch plenty of light. Helps prevent bruises and falls . . . protects you from liability . . . discourages prowlers who shy away from well-lighted houses. Beautifully designed for any style home . . . will last for years and years . . . simple to install. Makes an ideal gift!

HERE'S WHAT YOU GET!

Solid copper U. L. approved standard fixture, electrically wired with cross-bar and screws for easy installation (your choice of Black Satin or Polished Copper finish). 3½"x8¼"x3½" white opal glass, plastic numerals for address and special weatherproof adhesive.

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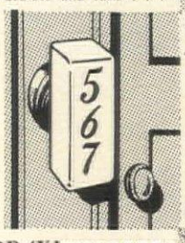

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NUMERALS FOR FRIENDS.....

Enclosed find ☐Check ☐Money Order ☐Ship C.O.D. plus postage

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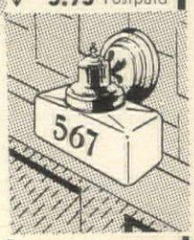

*Pat. Pend.

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Serf-O-Let cleans toilet bowls automatically. Each flushing activates the Serf-O-Let. No plumbing required to install it. Harmless to metal, bowls, and humans. Yes, it's safe to use with Septic Tanks. One bag of chemicals lasts six months. Refills 75c each. Complete Serf-O-Let includes one bag of chemicals. $3.75 post paid.

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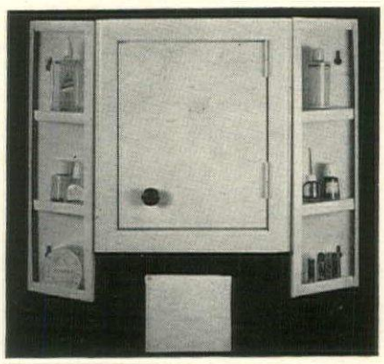

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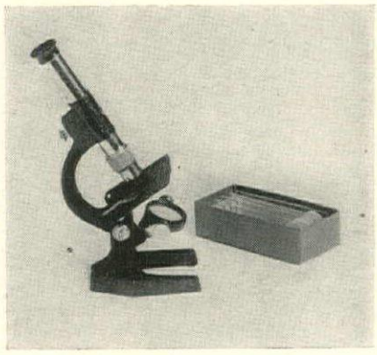

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Original rug design stamped in black outline on burlap—complete with hook—instructions for color and shading—wool material in shaded colors for all flowers and leaves in center motif.

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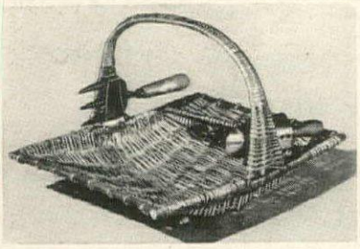

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The British certainly know how to get the best out of their gardens and here, straight from the land of beautiful gardens comes this charming traditional basket by 'Greatrex', for carrying cut flowers and plants and working in the garden. Handmade of sturdy yet light varnished English wicker and equipped with hand fork, trowel, flower cutting and pruning tool, held in place until needed. **$14.95** postpaid (No C.O.D.'s).

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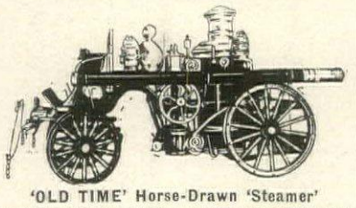

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Recreate a bit of old-time AMERICANA with these exquisitely-detailed & colorful fire 'masheens!' Make superb, decorative pieces for home, den, office, club or museum . . . and so easy to assemble from our complete kits! All parts cut-to-exact-size & semi-finished! Merely follow illustrated assembly-plan! For idle-hands, for shut-ins, for creative-urge—for supreme pleasure!

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of an old iron stove top. Interesting charm. Wonderful for decoration or flower arrangements. After years of searching for original old stove tops, we now can offer you an exact copy of this old iron decorative art for

$9.95, *Express Collect*

Shipping weight 9½ lbs. This ad will not be repeated. Order at once. *Satisfaction guaranteed.* Address:

Dixie Iron Art

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AROUND

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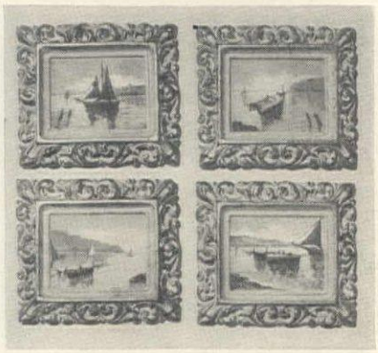

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House-warming *chanticleer lamp* with bona fide weathervane finial. Black, white, or red cocks on hand-rubbed wooden base. Shade (13" diameter) of Bates Chanticleer cloth in grey with red or brown with coral. Stands 26" high. Available in lefts or rights for use in pairs.

Each **$12.95** ..... *Pair* **$24.95**

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Matching Bates Chanticleer Cloth (36" wide) available for slipcovers and draperies.....yd. **$2.25** ppd.

Chanticleer Weathervane ash tray in polished brass. 7½" diameter. **$4.95** ppd.

satisfaction guaranteed or your money refunded

Ward Phillips Co.

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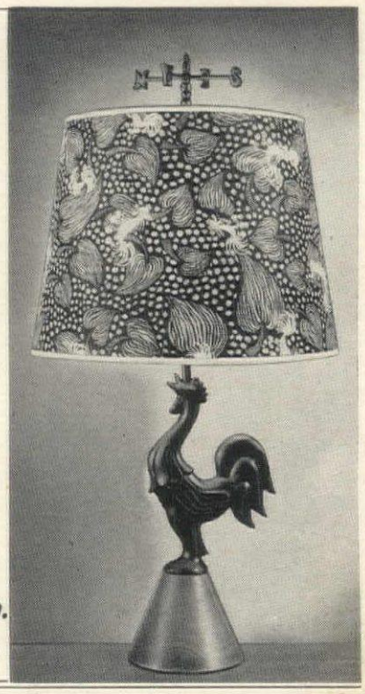

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Soup Tureen 11" x 12½", holds 3 qts.	$13.50
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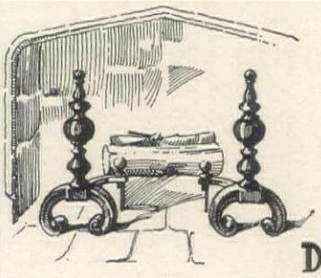

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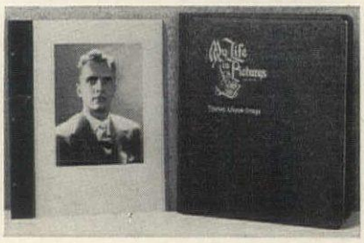

Photos taken through the years are scattered on dressers, in drawers, frames, etc. **Gather these together and mail them to us to be put in this handsome album entitled "MY LIFE IN PICTURES" with subject's name printed in gold on cover.**

The album is made of Fabrikoid, is washable and will last a lifetime. 11½ x 13½", it holds any picture up to 9 x 12". It is looseleaf and more pages may be added. **Send $10.00 for the album plus 50c for each picture to be mounted in it and it will be sent postpaid. Or, send $5.00, balance C.O.D. and you pay postal charges.**

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REMOVES stubborn surface spots
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ONLY $5 DOWN, $5 A MONTH

(24 pieces in 4 place settings)

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- For 4 place settings (24 pcs.) $5 down, $5 a month; 6 place settings (36 pcs.) $7.50 down, $7.50 a month; 8 place settings (48 pcs.) $10 down, $10 a month; 12 place settings (72 pcs.) $15 down, $15 a month
- Receive, without extra charge, a jewel-box anti-tarnish silver chest... engraved initial on each piece!

Prices are for 6 pc. place settings, including Federal Excise Tax. Price-fixed by mfr. under Feld-Crawford Act of N. Y. Prices and terms subject to change without notice.

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Enclose $_____ down payment
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Name_____
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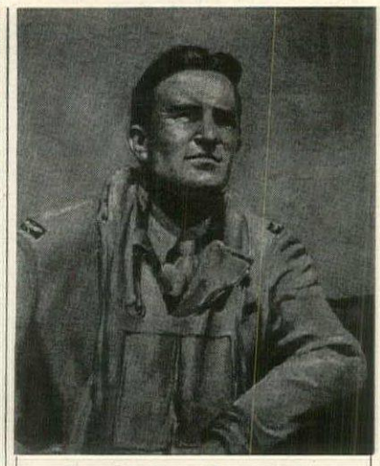
(wife should give husband's occupation)



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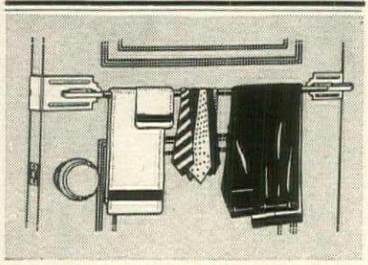

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Save time, effort! Let your kitchen mixer wax furniture, floors, auto; polish silver, glass, brass; sand wood, metal, ceramics! Just slip on Toolzon (fits any mixer or money back). Zip—tedious work done! Includes lamb's wool buffer, sanding discs, and all attachments. Thousands in use! Postpaid.

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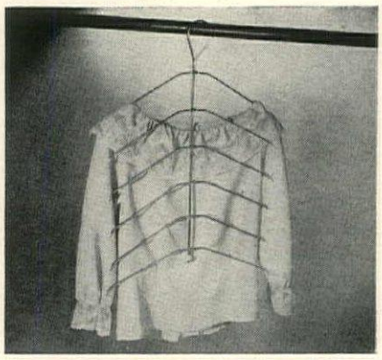
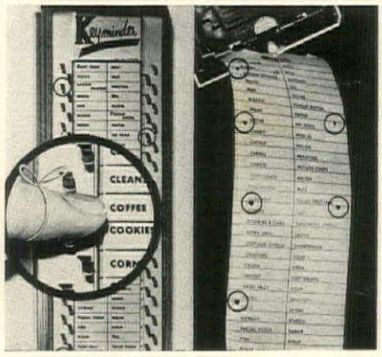


Keyminder, the automatic shopping list, is a clever reminder (and printed list) of your household wants. Press the key next to a needed item and what you need is automatically recorded. Then, on your appointed market day, off you go to buy supplies. Keyminder and a six months supply of lists, $2.95 postpaid. Ward Phillips, Dundee, Illinois.



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TO BRIGHTEN YOUR HEARTH AND HOME THE YEAR ROUND

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6" OLD ENGLISH INITIAL—*immediate shipment*—$4.95 PPD.
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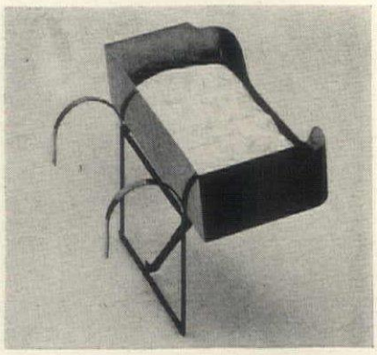

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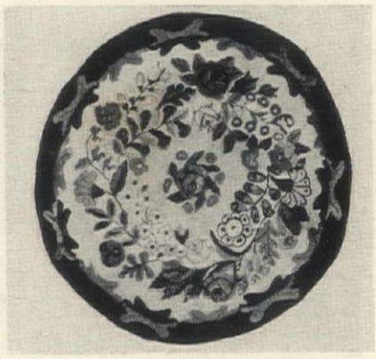

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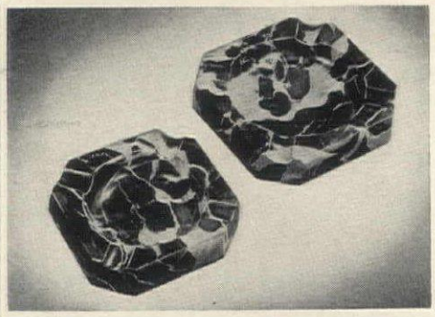

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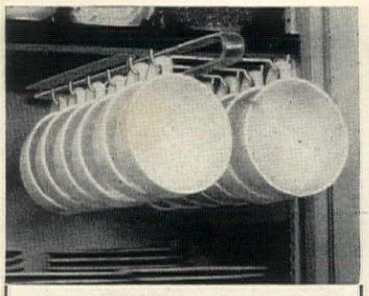

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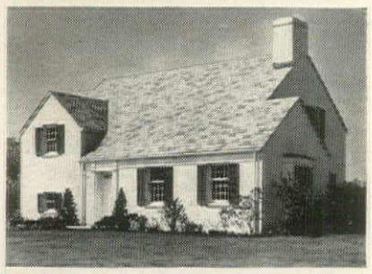

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YOUR FAMILY will enjoy comfortable living around the calendar in a concrete house. When properly insulated, a concrete house provides ideal protection against winter's cold and summer's heat. And being weathertight, a concrete house stays clean and dry in all seasons.

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So before you build, investigate the many benefits of a concrete house. Write for the free booklet, "*Why People Like Concrete Homes.*" Distributed only in U.S. and Canada.

HOW TO GET A CONCRETE HOUSE
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Phone a local concrete masonry manufacturer for names of architects and builders experienced in concrete house design and construction. They know conditions in your community and can tell you about plans, local requirements and costs.

Take any plans or sketches you have to an architect. Have him show you how your home can be built economically with durable concrete walls, squeakproof concrete subfloors and a firesafe roof.

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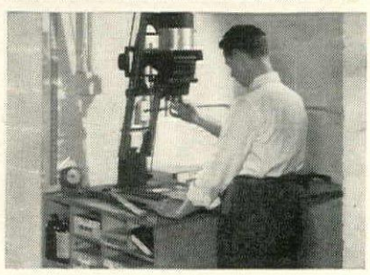

Be sure you get the full measure of livability in your concrete house by including a basement. A basement provides most economically the extra room needed for storage, laundry, playroom, hobby workshop or darkroom. It does not take up space that can be better used for lawns, flowers and outdoor living.

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ON THE COVER: Flowers of spring: primulas from the collection of Bobbink & Atkins, photographed by Grigsby. For names of each variety, write to House & Garden's Reader Service, 420 Lexington Ave., New York.

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Here begin 19 pages for The Compleat Gardener

Good gardener, good citizen

LIKE THE ETERNAL ROTATION of moisture (clouds to rain to rivers to ocean to clouds again), there is a constant turnover of solid elements on the earth's surface. If permitted to follow nature's slow course, no element in this terrestial scheme is wasted. But the impatient human race has broken the cycle and, in so doing, has destroyed more than it has gained. Our century is the first one in which man is trying to put back some of the riches he has taken from the soil. Today, armed with new scientific knowledge and encouraged by the work of such men as Fairfield Osborn (*Our Plundered Planet*) and Louis Bromfield (*Malabar Farm*), every one of us should be a good gardener-citizen. The threat of war makes this co-operation with nature all the more urgent, suggests the need of a full-scale garden program to back up our growing state of preparedness. Every man, woman and child who can put hand to hoe should see that the land produces not only quantity but quality, since the nutritional elements which plants draw from the soil determine both our national state of health and of mind. How important is this good gardening program? Just this important: today there are less than two acres per capita of productive land left to feed the world's millions. This does not mean that you need to grow vegetables (or crops) exclusively; there is an eternal human need for beauty, just as there is for art and music. Your flowers fulfill this need. Grow them for themselves or as decoration for your house. Throughout the year, HOUSE & GARDEN devotes many of its pages to good gardening techniques. In this issue, which marks the opening of the growing year, we bring you not only articles on the practical aspects of gardening and farming but also a foretaste of the beauty which may be yours from the first days of spring.

Opposite: **Fruits and vegetables**

Let this plant portrait inspire you to grow your own fresh produce. It can be easily managed if you follow the simple directions and the ground plan on pages 46-47.

GRIGSBY

JACKSON & PERKINS

ACHILLEA GOLDEN PLATE WILL GIVE YOU STRONG BLOOMS

Perennials

for 1951

Inspiration, coupled with detailed plant knowledge and endless patience, is needed to produce new plants. Before he can attempt to apply the laws of Mendelian heredity, the hybridizer must have some idea of what he is aiming for. He makes his crosses, grows thousands of plants and looks among them for the few which have new and desirable characteristics. In the days of the great plant explorers, many new flowers came to us from all over the world. Although some still come in this way, the great majority of new plants are the result of the plant breeder's art. The best examples of his work are grown and tested for a number of years, then produced in quantities great enough for you to buy them for your garden. This year, among the new perennials ready for the avid gardener, quite a few come from English and European growers. In addition to conducting their own hybridizing, our American growers have traveled widely and searched arduously among offerings of foreign nurserymen for novelties still unfamiliar here. There are many plants which may have been known to the botanist or a select few for some time but have not until now been grown on a commercial scale and brought (*Continued on page 96*)

Opposite: Top annual flower of the year

Torch is a distinct dwarf form of the brilliant Mexican sunflower, *Tithonia.* It grows three to four feet (instead of six), is easy to care for, sturdy, resistant to heat and disease. Silver Medal Winner in this year's All-America Selections in annuals.

For more annuals see page 38.

GRIGSBY

Formal garden Beds of tulips interplanted with blue *Phlox divaricata*, and English primroses edged with low box are shaded with a circular group of apple trees in this Grosse Pointe garden of Mrs. Wesson Seyburn, designed by Bryant Fleming.

Plan your garden to suit your taste

KERTESZ

Cottage garden

In the very small area of her Grosse Pointe garden, Mrs. Robert Stoepel has skillfully combined bulbs and perennials in great variety to give her pastel colors from spring to fall.

GRIGSBY

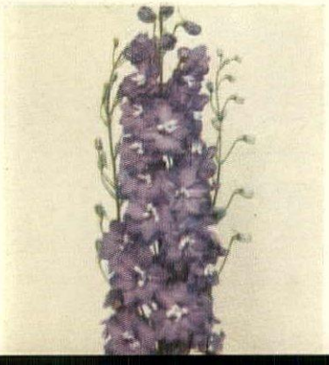
LILAC TONES IN PHLOX ARENDSI

KERTESZ

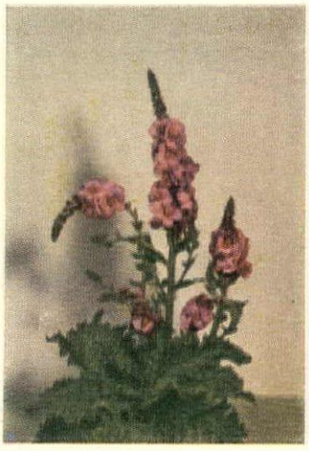
Natural garden

In the garden of Mr. and Mrs. John R. Black in Dallas, Texas, landscape architect J. O. Lambert, Jr. used azaleas to create a natural effect beneath native trees.

SUMMER PHLOX BRIGADIER

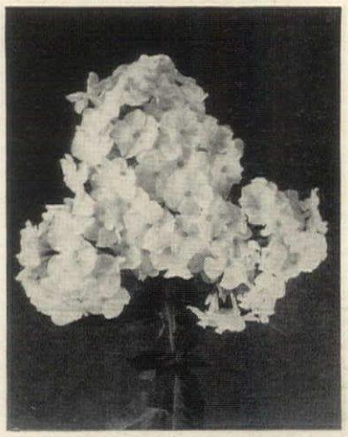


DELPHINIUM LOVELINESS



VERBASCUM FROM ENGLAND

Create natural pictures with rocks, trees, perennials and bulbs



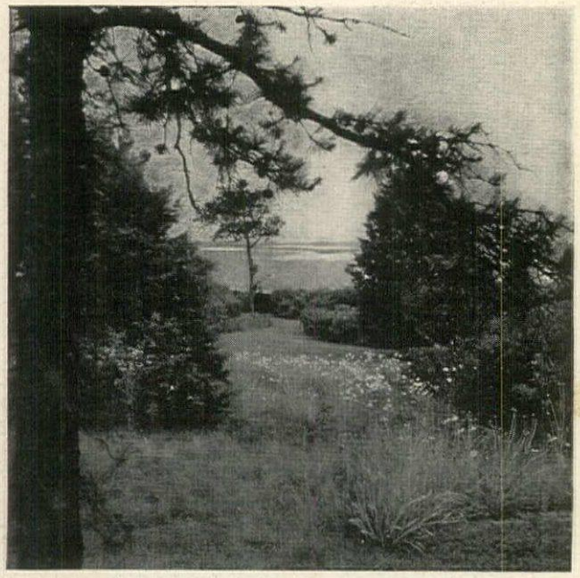
SUMMER PHLOX ADMIRAL

JACKSON & PERKINS

SHASTA DAISY WIRRAL SUPREME

Rockery border

In this delightful border of her Cape Cod garden, Miss Mabel L. Riley successfully combines such rock plants as sedums in variety, English daisies and ferns with sturdy perennials, *Yucca filamentosa*, shrubby cotoneaster and mountain laurel.



VIEW OF COTUIT INLET FROM UPPER GARDEN PATH

Use winding paths, marsh plants to build an informal water garden

In the six years that have elapsed since the fall hurricane which devastated so much Cape Cod property, Miss Mabel L. Riley of Cotuit has completely rebuilt her lovely informal gardens. Within 100 feet of the sea she has created a series of fresh-water pools and winding paths. Fast-growing Golden Wisconsin weeping willows combined with both tropical and hardy water lilies give an Oriental effect to the upper pool, shown here. A curving path of flagstones surrounded with grass is edged on the water side with ferns and Siberian iris, on the far side with a neat border of pachysandra. Beyond are perennials backed by shrubs.

Opposite

HARDY HYBRID WATER LILIES, PLANTED IN TUBS, PRODUCE COLORFUL FLOWERS IN PINK, YELLOW, WHITE FLUSHED WITH PINK AND PURE WHITE.

KERTESZ

New colors and shapes for your garden

by CHARLES E. DILLON, *plantsman of Santa Barbara, California*

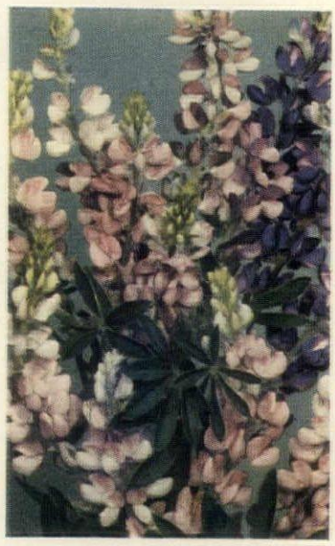
LARKSPUR GIANT IMPERIAL SALMON BEAUTY

New shade of deep salmon-pink on graceful, tapering spikes.

WINTER'S blasts may be blowing hard, but the arrival of your new seed catalogs this month heralds the return of spring and the beginning of another year's gardening activities. Almost before you take down the Christmas greens or write all your thank-you notes, the 1951 catalogs, decked in brilliant covers, begin to arrive in the daily mail. Many familiar old favorites are listed, but among them, often presented on special opening pages, you will find the novelties and new introductions that will add zest to your planning. These new annuals will contribute new color, new forms, new interest to your garden. Most of them result from years of careful and often tedious work by our imaginative plant hybridizers.

Tetra snapdragons, *Antirrhinum majus tetraploid*, are not completely new but their continued development since their first introduction a few years ago has produced stately plants and flowers of great distinction. Three very special new ones have been developed by the United States Department of Agriculture. With much larger flowers than the ordinary diploid snapdragon, the spikes are also fuller. Rust-resistant, rich-colored foliage is topped by flowers that have a heavy, opulent texture and a velvety sheen in the summer sun. The spikes are filled with florets that blossom clear to the top, eventually attaining a height of three to four feet. These snapdragons are named Deep Salmon Pink, which is darker than Apple Blossom; Bright Rose, a medium pink with very large florets; and White Rose, a bi-color. The throat of the latter is almost white. A touch of yellow on the tip of the jaw with shades of white and rose throughout the floret gives a variegated effect.

In addition to the usual colors, the new Naramek strain of tall giant-flowered snapdragons also produces striking two-tone flowers in varying shades of pink-rose, yellow-bronze, yellow-ruby and orchid-rose combinations. Plants reach a height of three feet, (*Continued on page 94*)



LUPINE PIXIES' DELIGHT

Clusters in clear, pastel shades top delicate soft green pea-like foliage.

Right: *Marigold Glitters, on long firm stems, excellent for cutting.*

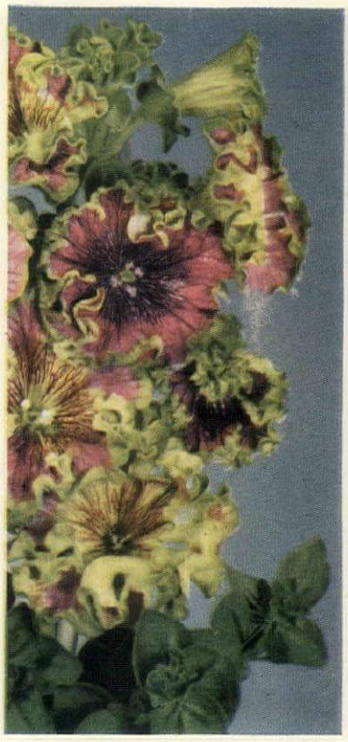
ALL-AMERICA BRONZE MEDAL WINNER

TETRA SNAPDRAGONS IN NAMED COLORS

White Rose, Deep Salmon Pink and Bright Rose grow on 4'-5' stems.

NEW HYBRID ZINNIA RIVERSIDE BEAUTY

Airy, curled petals in bright pastels characterize this new form.

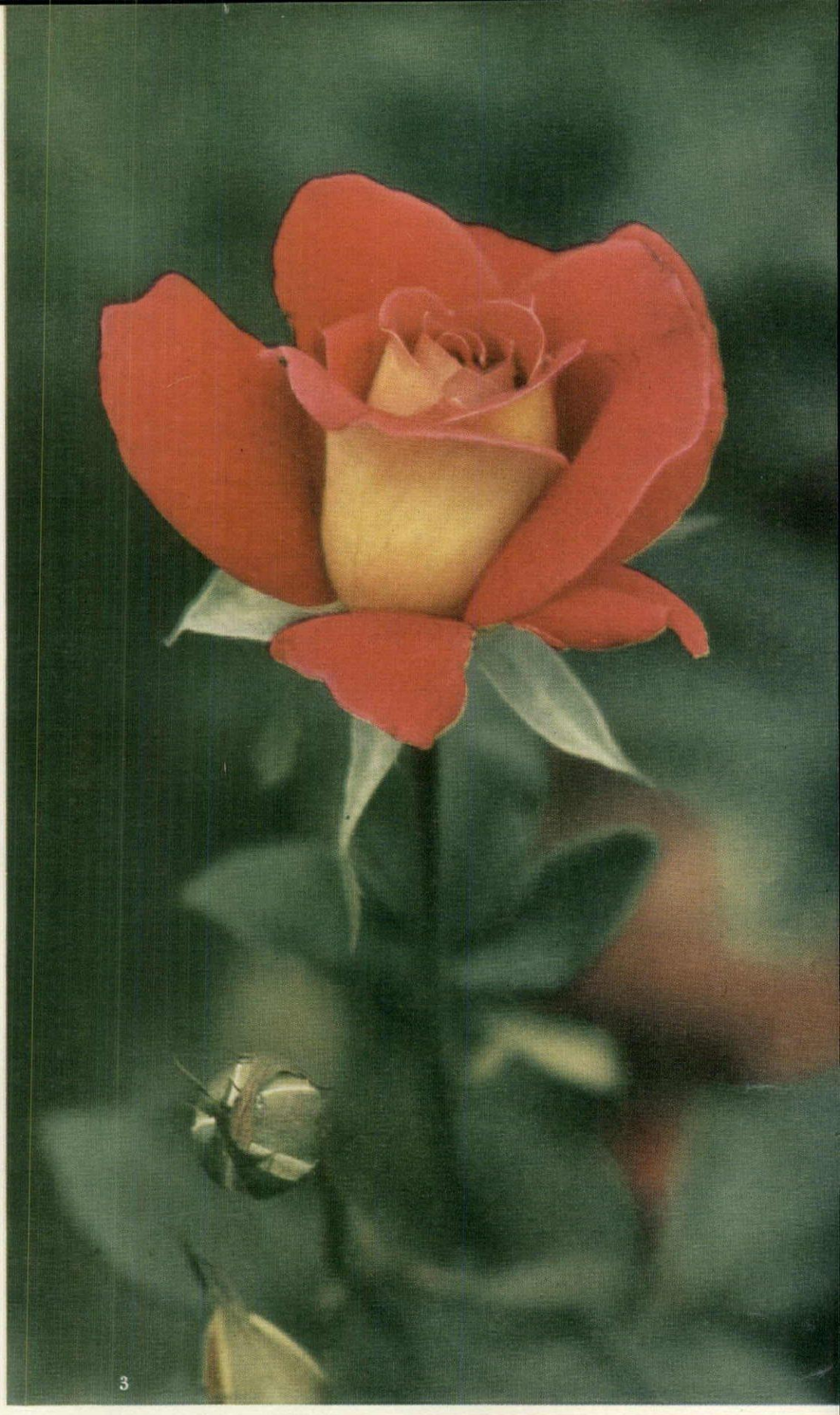


FRILLED PETUNIA BELLE OF IRELAND

Edges of emerald green contrast with rosy tones.

Distinctive in both solid and two-toned hues; very hardy.

NARAMEK STRAIN TALL GIANT FLOWERED SNAPDRAGON



Five hybrid tea roses:

1. BRAVO
2. GOLDEN SCEPTER
3. FORTY-NINER
4. FIRST LOVE
5. MRS. MINIVER

Rose parade, 1951

Brilliant colors and fragrance mark these new roses

The great choice in this year's many new roses should give real impetus to your forthcoming garden plans. There are five brilliant reds, four romantic pinks, a deeper-than-usual yellow, a glowing orange that opens to a warm apricot, a group of subzero hybrid teas, a white addition to the Pinocchio group and even a dark red miniature rose.

Opera, French in origin and winner of the Gold Medal for the most beautiful rose in France, is distinguished by the gay form and color combinations of its bloom. The long-stemmed buds are almost bicolor, with a suffusion of golden yellow at the base and scarlet at the top. The petals quill slightly as the 6″ flowers open and the color becomes a light flaming scarlet-red with buff-yellow on the reverse. Opera's long stems make it excellent for cutting. Jean Gaujard was the originator.

You will want to try Rose Valentine for a low hedge or border. This free-flowering floribunda bears large clusters of semi-double crimson flowers, blooming intermittently from early spring to late fall. The plant is low, compact and bushy, growing from 18″ to 24″ high, with a corresponding spread, and will give your garden a colorful display all through the summer.

Another large, double red rose is Bravo. Its cardinal-red almost iridescent flowers, produced on long stems and sometimes in clusters, are from 4″ to 5″, opening from plump buds to a broad open bloom with ruffled petals. Bravo prefers brilliant warm sunshine, where it will bloom profusely without fading.

Happiness, known as Rouge Meilland in France, where it was originated by Francis Meilland, is another brilliant red rose especially good for cutting. The buds are flaming red, opening to crimson-carmine or royal rose-red with a coppery sheen; the petals curl to points in layer after layer around the solid, pointed center. The plant sends up vigorous, long stems. You will want to cut the buds and let them open indoors, where you can enjoy them at close range.

Its fruity fragrance and glowing color make Volcano desirable for mass plantings as well as for indoor arrangements. Strong and bushy in habit, the long, slow-opening deep carmine buds become cherry-red flowers, 6″ to 7″ across, softening to deep pink at the finish, a handsome (*Continued on page 98*)

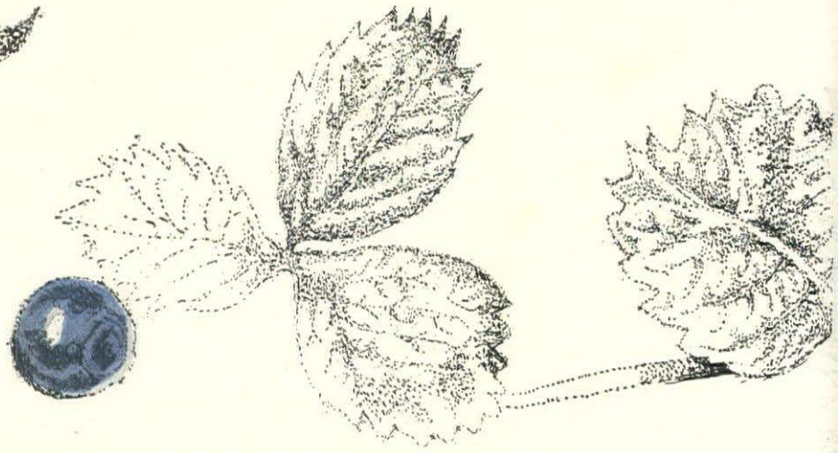
PHOTOS BY HAANEL CASSIDY AND ARMSTRONG NURSERIES

Berries are easy to grow

by GEORGE L. SLATE

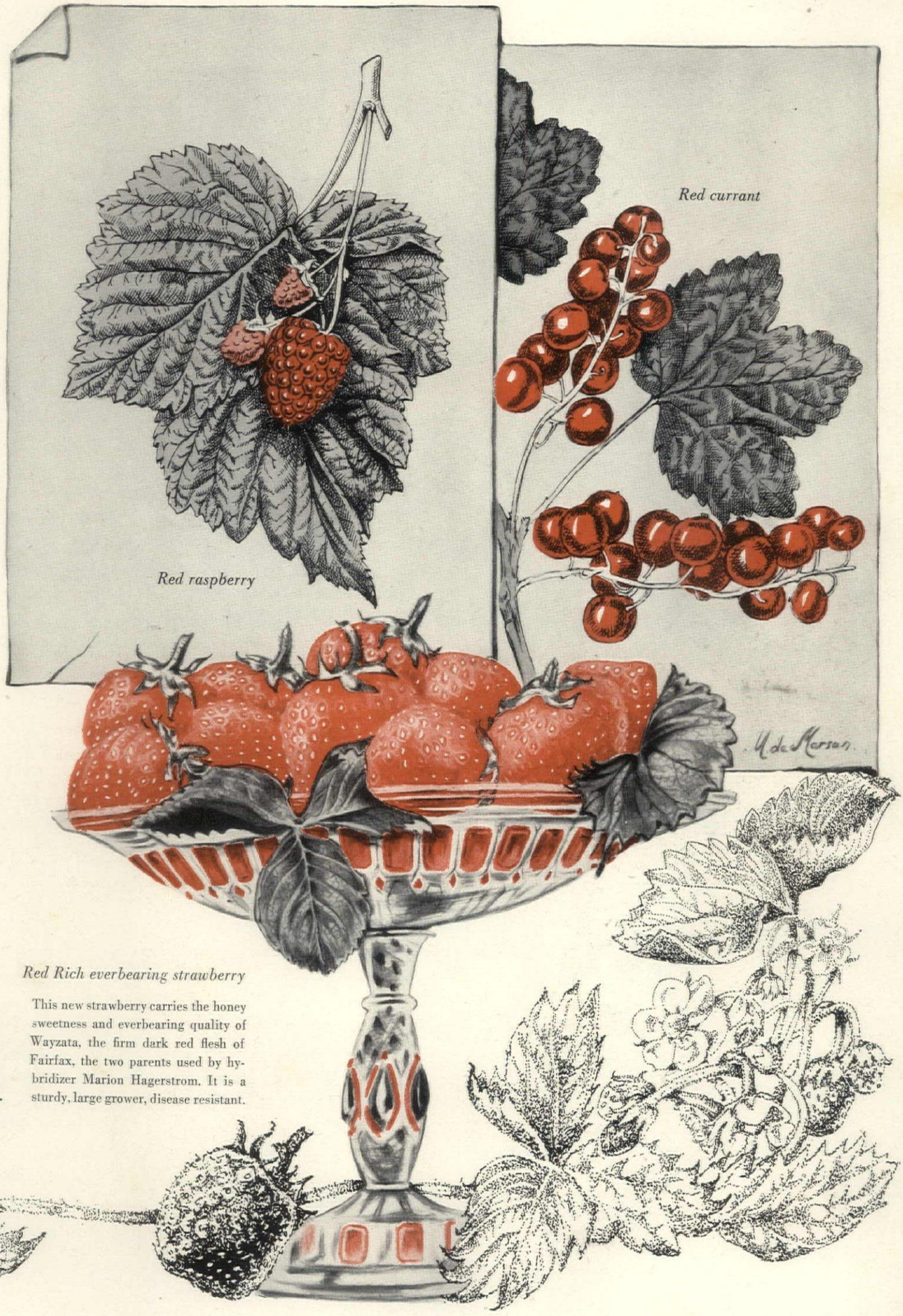
Dr. Slate is Pomologist at the New York Agricultural Experiment Station, Geneva, New York.

BERRIES are the best of fruits to grow in your garden. The plants on which they ripen produce a spring-to-fall harvest which is delightful to eat and far less trouble than tree fruits. The smaller fruits need little or no spraying (some attention with a hand sprayer or duster is generally enough). They begin to bear early in June, demand relatively little space and no heavy machinery. Choose the site of your berry patch with care if you want it to succeed. All these fruits need good drainage and at least moderately fertile soil, well supplied with organic matter. Gardens on good farmland generally have soil suitable for berries. Avoid heavy, wet or gravely soils, coarse sands and fills. Beware of soil which has never been used before. Blueberries need a light, porous soil on the acid side with a pH not much higher than 5.5 (neutral is 7.0). Avoid clay soils with a high pH (becoming alkaline) for they are wholly unsuitable. If you have a choice, set your strawberries in the lighter earth, your currants and gooseberries where it is heavier. You will have least trouble from fungus diseases if your plants are in full sun with good air circulation. Low spots surrounded by higher land are frost pockets and will reduce your strawberry crop. Also avoid the shade and root competition of large trees. Wild raspberries on waste land or in fence rows, or run-out, cultivated raspberries often harbor diseases and insects that will spread to your new planting. Therefore, eliminate them before the new garden is started. A chemical brush killer will do this quickly and cheaply. Clean out perennial weeds, especially quack or witch grass and bindweed, before you plant your berries. Grass sods are often infested with white grubs, which feed on strawberry roots and kill *(Continued on page 87)*



Coville and Berkeley blueberries

These two recent introductions in cultivated blueberries are noted for their very large fruits with firm, crisp flesh and light blue color. Coville extends the season.

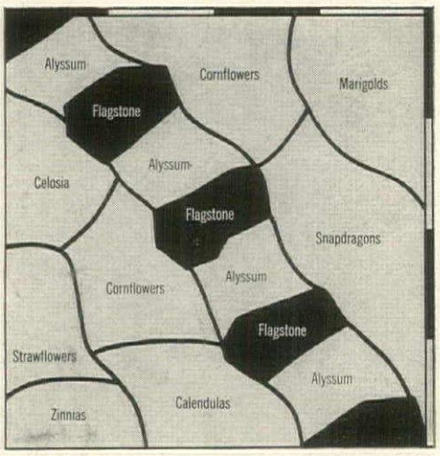


Red Rich everbearing strawberry

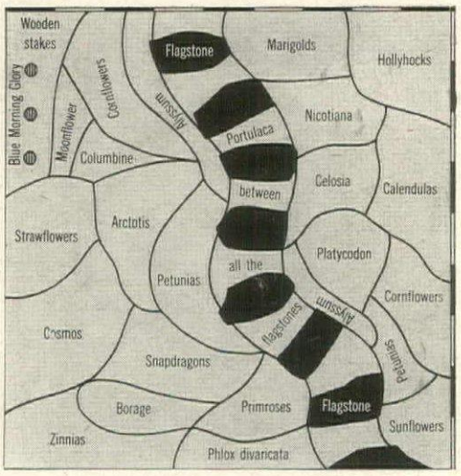
This new strawberry carries the honey sweetness and everbearing quality of Wayzata, the firm dark red flesh of Fairfax, the two parents used by hybridizer Marion Hagerstrom. It is a sturdy, large grower, disease resistant.

Small kingdom of his own

by JEAN HERSEY, *author of "I Like Gardening"*



A FOUR-YEAR-OLD can easily manage quick-growing annuals which he sows himself in a four-by-four-foot garden



HAVE YOUR NINE-YEAR-OLD plan a nine-by-nine-foot garden of annuals with a few sturdy perennials bordering the path.

A CHILD'S garden is a world where he is king. Here not only flowers grow and vegetables ripen, but something is always happening. A cheerful hoptoad suns each morning on a warm rock in the lee of a zinnia plant. A praying mantis arrives for a visit, climbs a marigold and frowns on the toad. Bumblebees buzz among the blossoms, hummingbirds come and go and a tiny goldfinch enjoys a daily dust bath in the shelter of a bright blue morning-glory. Whether the youngster in your life is four years old or fourteen, he will take to gardening as enthusiastically and gaily as a horse to pasture. And it is doubly exciting if he himself plans and plants so this small domain reflects his own ideas. At the start he will naturally turn to you for help. Arouse his interest, present the possibilities, explain the fundamental rules, shed vast amounts of encouragement but no more. Let him do the doing.

Begin with all the cards stacked in his favor: good rich soil, plenty of sun, a location near the hose so water needn't be carried far. Most important, have the over-all garden so small that the child can easily care for it alone. A garden four feet square with a three-step flagstone walk through the center is ideal for a four-year-old. Nine feet square fits a nine-year-old to perfection and a border fifteen-by-five satisfies the boy or girl of fourteen. Children change enthusiasms rapidly. One week they love their gardens madly, the next a new rabbit hutch must be built. But soon they are back to horticulture, excited and thrilled at the growth and change. If the garden is sufficiently small, a short half hour repairs each period of neglect, removes weeds, restores order.

A child likes things to happen fast. Next week is a year away. He wants seeds that sprout in a rush, plants that grow rapidly, are foolproof, and can take neglect. There are a few sturdy perennials impervious to drought and to being ignored, but for the most part the ideal plants for a child's garden are annuals. They grow quickly from seed, bloom in a hurry and profusely all summer; they are a tough and hardy lot. Their seeds are unusually interesting too. Some are large and nubbly like nasturtiums. *Arctotis* seeds resemble miniature rabbits' (*Continued on page 90*)

Opposite

THIS GARDENER-WITH-A-FUTURE IS OLD ENOUGH TO HANDLE TOOLS

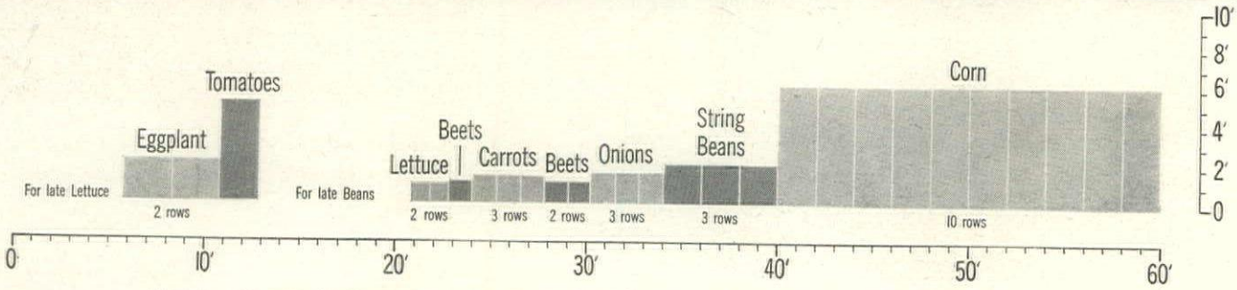
KERTESZ

A primer of vegetable gardening

by PAUL W. DEMPSEY, *author of "Grow Your Own Vegetables"*

If you have never eaten vegetables a half hour or less after they have come from the garden, you have never tasted them at their best. Many of them are more than 90% water; some possess a highly elusive sugar content. Once they are picked, changes take place rapidly, particularly when the day is hot. So if you really like fresh vegetables, why not grow them this year in your own backyard? Planning a garden is both patriotic and entertaining, and now is the time to start. You will be surprised how relaxed and refreshed you will feel after a winter evening spent looking over gaily-colored seed catalogs. Make up your mind what you would like to grow, create a garden in your imagination and then get out your paper and pencil and draw it. The first question is where to put your garden and how big to make it. Few gardeners have much choice as to the placement of a vegetable garden. Some of you will be limited also (*Continued on page 92*)

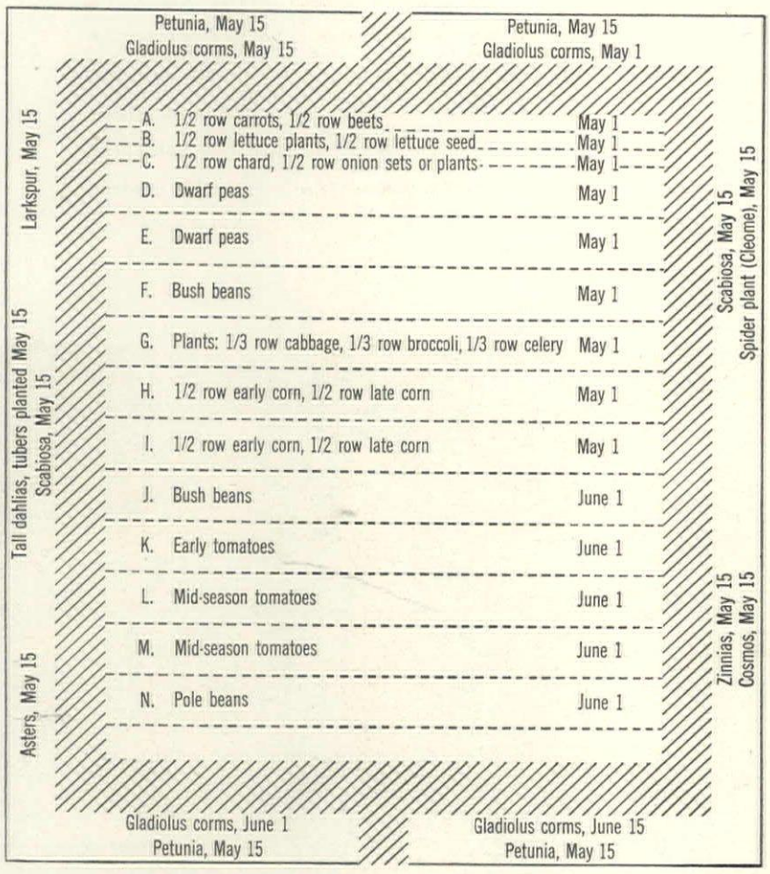
KERTESZ



IN HIS CAPE COD VEGETABLE GARDEN, Charles L. Ayling plants the tallest crop, corn, at far end of garden. As early crops are harvested, soil is prepared to receive later ones; all fed plentifully for high yield.

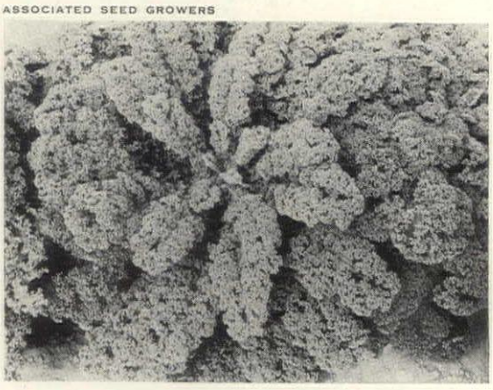
WHITE ICICLE RADISH is very crisp

GOLDEN ACRE is an excellent early cabbage. For a new Succession type, midseason one, try the All-America Bronze Medal winner, O. S. Cross.



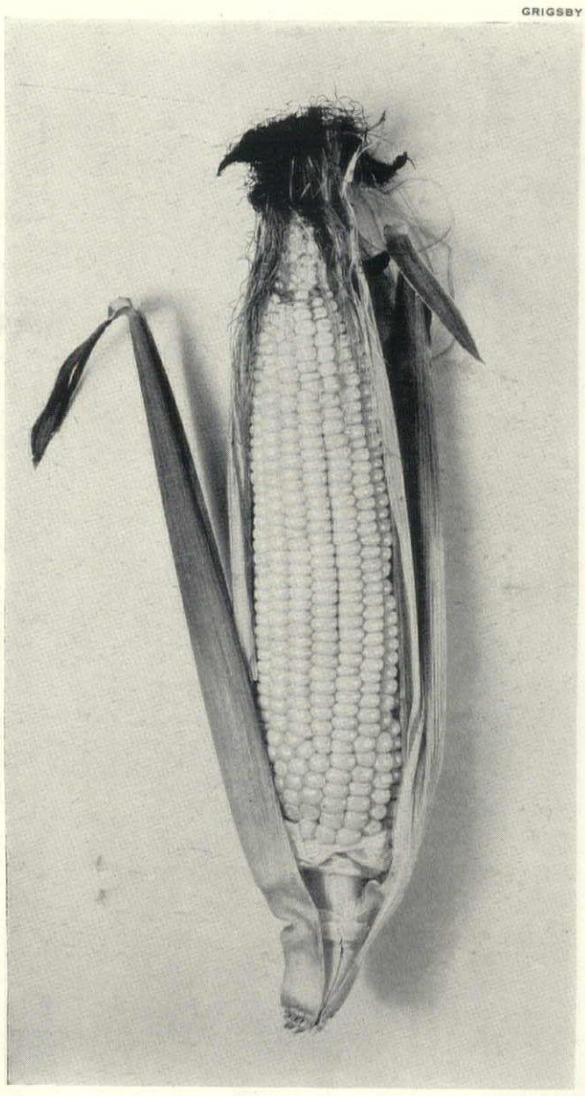
ENHANCE YOUR VEGETABLE GARDEN with a flower border. The plan above, to scale, for a garden 30′ by 50′, includes a path, 3′ wide, separating the vegetable area from the 3′ flower border. Rows A, B and C are one foot apart, the rest 3′ apart. For second plantings July 15 in row B, sow ½ to carrots, ½ to beets; in D, bush beans; in row E, Chinese cabbage. On August 1, plant row F to ⅓ cabbage, ⅓ broccoli, and ⅓ cauliflower; dates are for the Boston area.

ASSOCIATED SEED GROWERS



KALE, A CABBAGE RELATIVE, has curly leaves, fine for fall and winter greens, best after touched by first frost.

GRIGSBY



GOLD MEDAL WINNER in 1951 vegetables is sweet corn Iochief, of unusually high yield, good quality, fine flavor and tenderness.

On these 12 pages houses for children

CHILDREN'S SUPPERTIME IN THE FAMILY-SIZE KITCHEN

Children on the blueprint

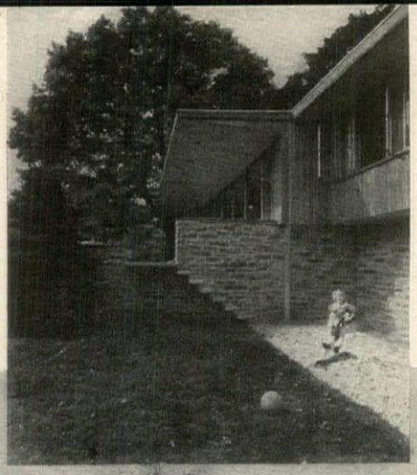
If you have four children and a sizeable lot, it's a good idea to organize their outdoor play space as carefully as their quarters indoors. This is the plan architect Alexander Smith Cochran worked out for his own family. On the generous site in Baltimore, he has included such second-generation essentials as a sandbox, a ball diamond, a "tenting ground," all within voice range but not centered on the view from the wide living-room windows. Indoors, too, the house makes room for youthful exuberance. The playroom is large, has its own garden entrance and play terrace. Most of the lower story is floored with scuff-proof flagstone and asphalt tile; walls are natural plywood which tends to hide finger marks. Above you see the four youngsters—Sandy, Teddy, Gill and Carol—having their supper in the dining alcove of the large, family kitchen. In conservative Maryland, which numbers among its treasures countless great Colonial houses, this modern house is winning friendly approval for its good sense, its frank recognition of the new informality of today's living. *Building data page 102.*

Opposite

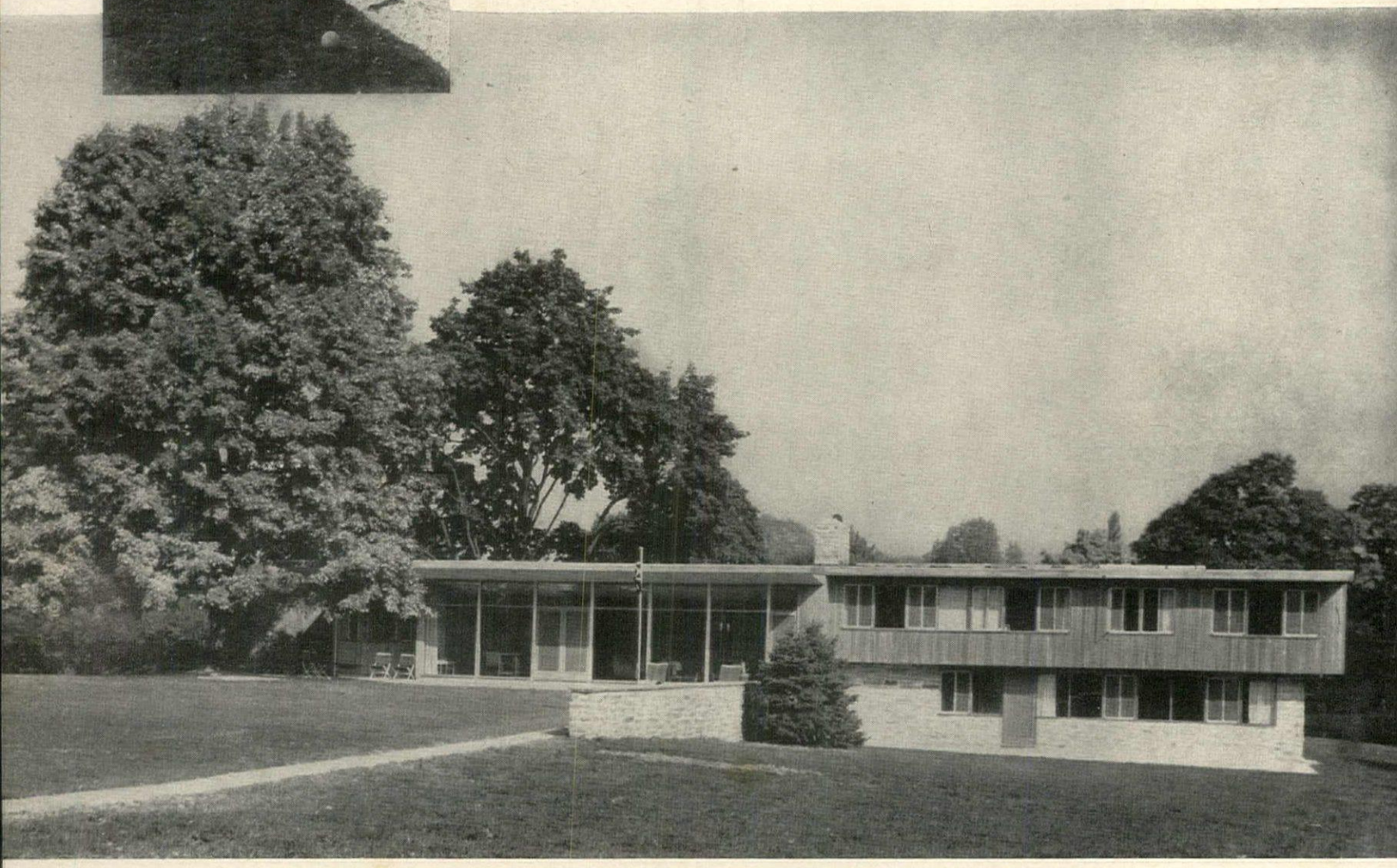
AN OBLIGING MAPLE CASTS WELCOME

SHADE ON THE HOUSE AND THE FAMILY BARBECUE TERRACE

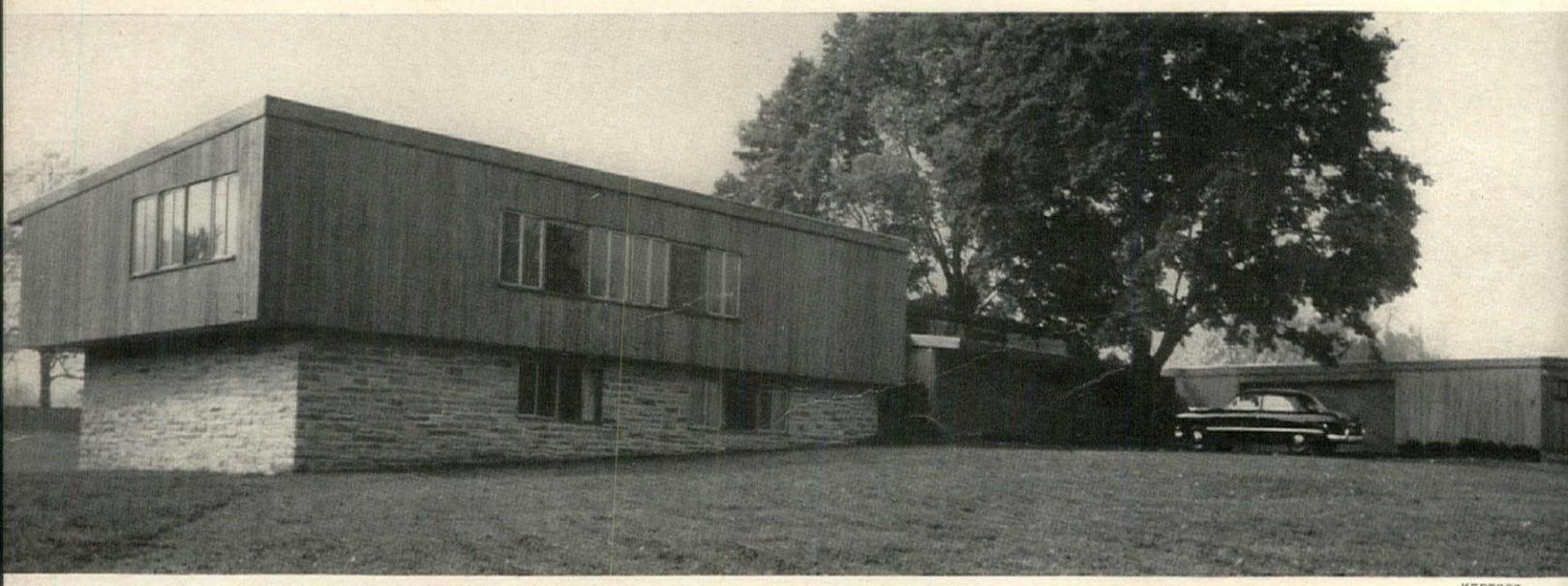
KERTESZ



The heart of the matter: a sound plan



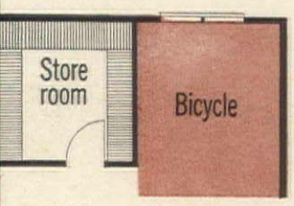
WITH THREE LEVELS, A SPLIT STORY APART, THE HOUSE FOLLOWS THE CONTOURS OF THE LAND



SELF-CLOSING ELECTRONIC GARAGE DOORS HELP TO KEEP THE HOUSE LOOKING TIDY ON THE ENTRANCE SIDE

KERTESZ

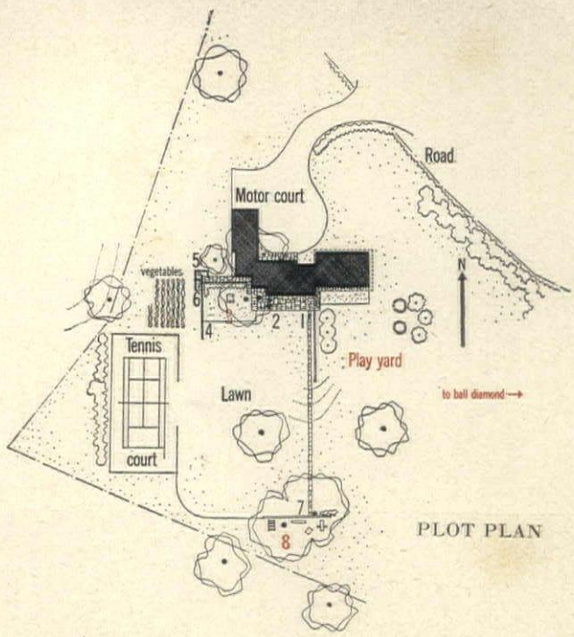
The two large photographs above illustrate a new trend in houses—the case of the disappearing service yard. Here, mechanization has taken command of laundry drying, kitchen waste disposal, trash burning. The last vestige is a closet beside the kitchen door for bottles, tin cans. An ingenious fence (number 4 in site plan), maze-like in form, encloses outdoor incinerator (5) as well as compost bin (6) for weeds and autumn leaves. Garden gear and wheeled toys go in the garage alcove.



Garage

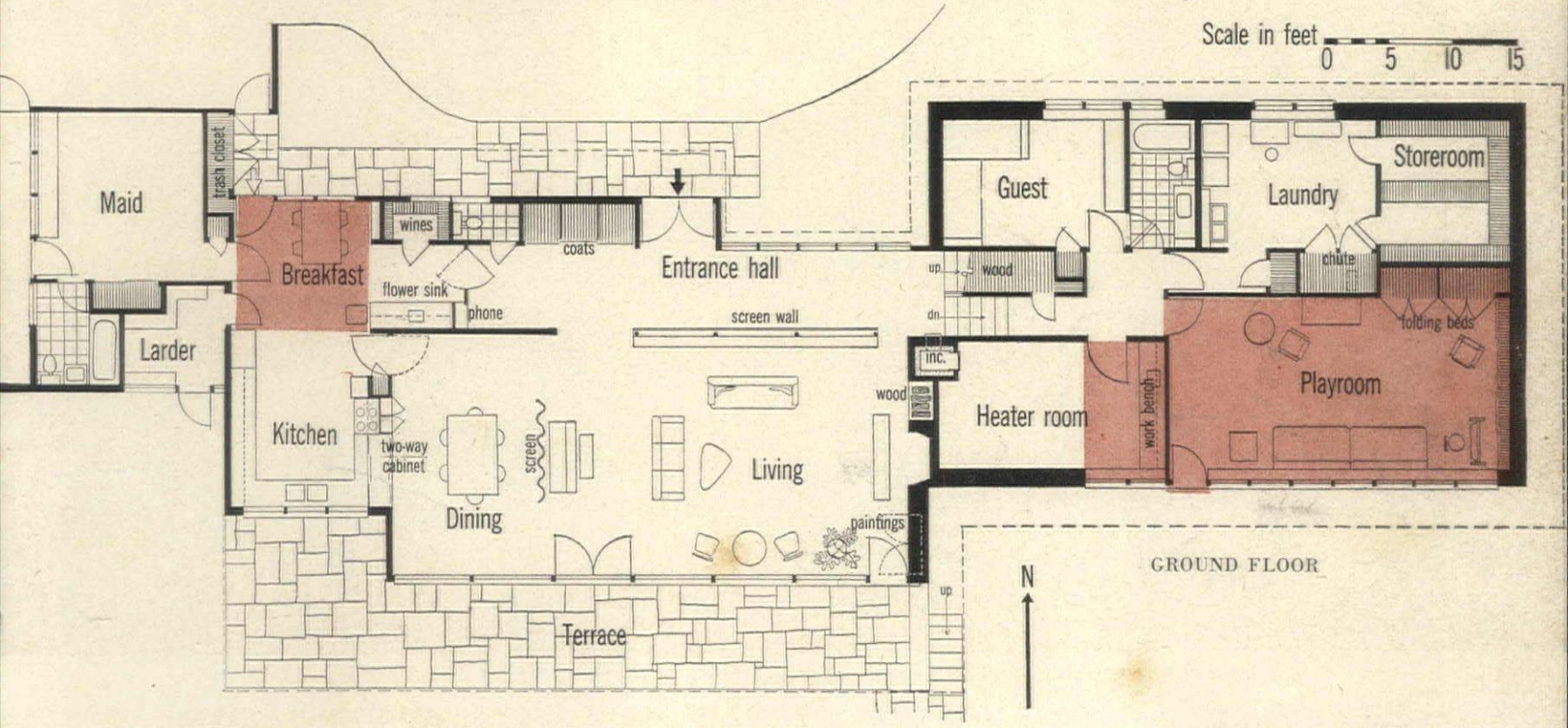
HOUSE IS PLANNED TO OVERLOOK ITS LOT

By putting their house in the north corner, the Cochrans enjoy a view over their own land. Words and numbers in red show where children play: (3) Carol's sandbox, visible from kitchen; (8) the tenting ground where they also build with sawbucks, odd lumber left from construction. A "billboard" fence (7)—now the children's "fort," later a background for sculpture—hides this juvenile world from the terraces (1, 2).



PLOT PLAN

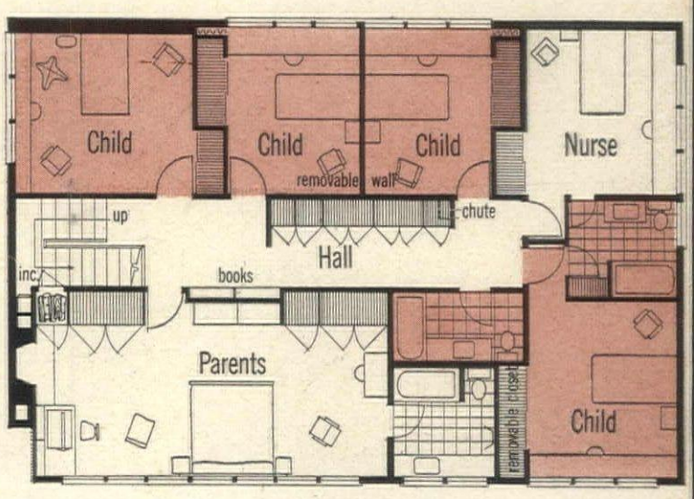
Scale in feet 0 5 10 15



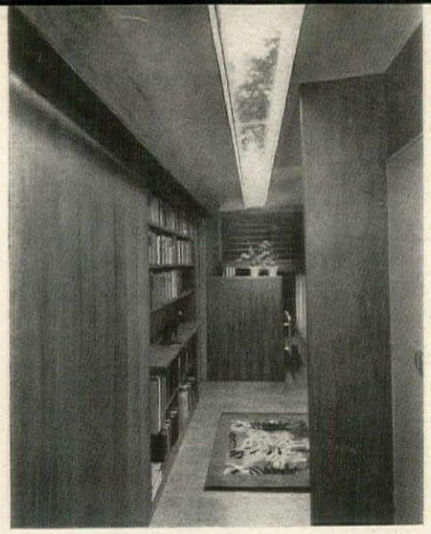
GROUND FLOOR

ADROIT PLANNING ALLOWS FOR FUTURE CHANGE

A family house leads as many lives as there are periods in a child's growth. With four youngsters on their house plans, the Cochrans took special care to emphasize adaptability. Carol, aged three, shares a bath with her nurse (so that she can be heard at night with the connecting doors open). Later, her room will become a part of her parents' suite (the closet will come out, a doorway will cut through to their bathroom). By removing a partition, two of the boys' rooms will later be a guest room. In time, the playroom may be Mr. Cochran's office at home. Household operations have been analyzed and reduced to a fine system. A chute in the upper hall carries soiled clothing to the laundry. After washing, out-of-season things go on shelves and hangers in the adjoining storeroom, linens into the upstairs closet. Each fireplace has its wood bin; each wing has its cleaning closet; waste baskets, ash trays empty into the incinerator through a chute.



UPPER FLOOR



CHILDREN ON THE BLUEPRINT:

COCHRAN HOUSE continued

For children

IN THE UPPER HALL a welded Plexiglas skylight nearly 35 feet long lets in the sun. Twin fans behind the louvered panel help cool the house in summer.

KATHERINE FORD

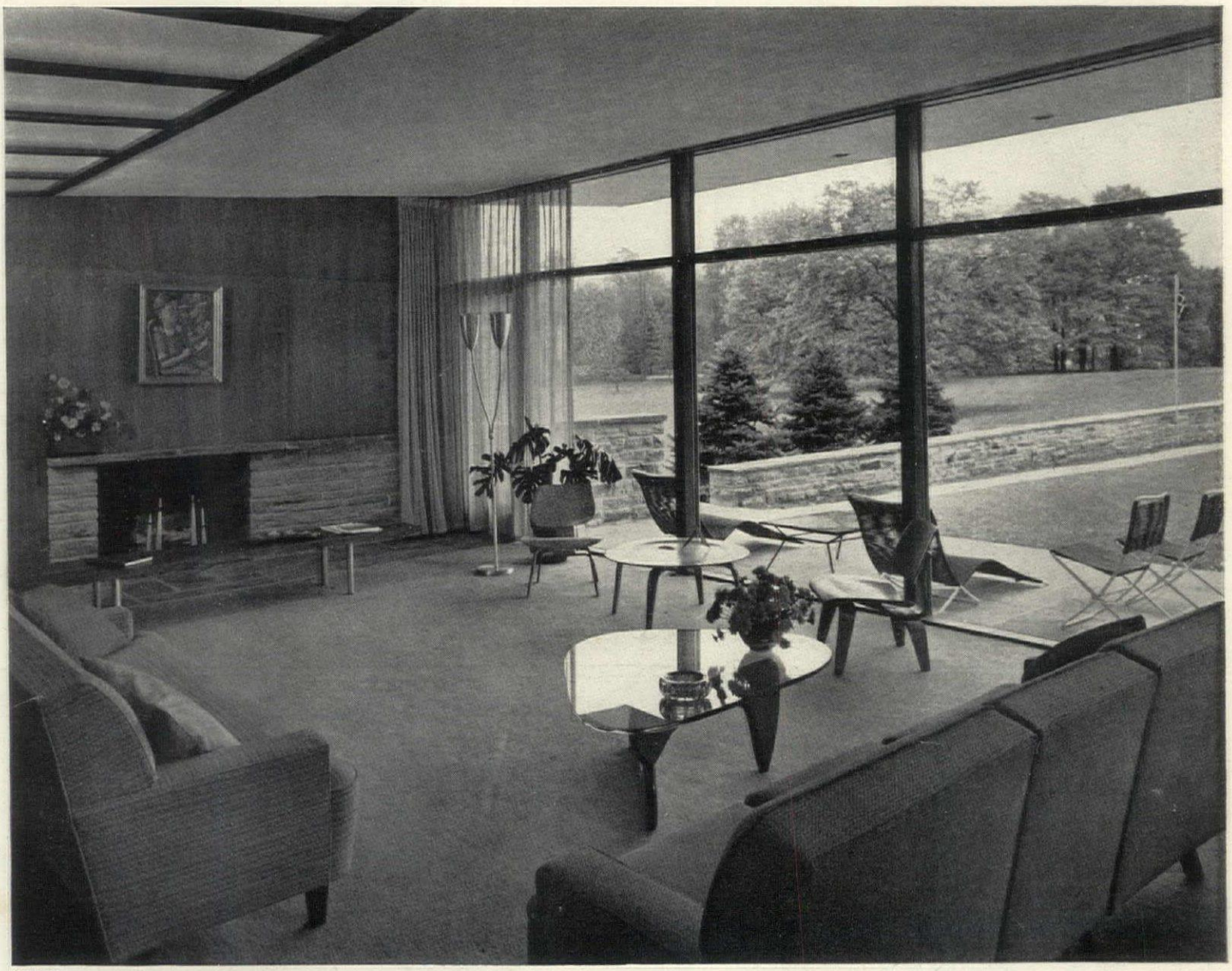
PLAYROOM. A PLACE APART FROM THE ADULT WORLD

The children's rooms were furnished with an eye to the future. The simple modern chairs, built-in desk, chest and bookcase units are as well suited to the collegian as the 10-year-old. Their playroom is also calculated to age gracefully; when the emphasis turns more to books than building blocks, it will become their private sitting room. Adjacent is the heater room which the boys are gradually beginning to share with their father; it has an area set aside for a workbench, power tools and dark room. From here or outdoors the youngsters can go directly up to their rooms. The cork floor of the upper hall quiets their footsteps.

THE CHILDREN'S ROOMS ARE ALSO THEIR STUDIES

For adults

ENTRANCE HALL doubles as a gallery for the Cochrans' growing art collection. On the living-room side, the pipe-supported exhibition wall makes a bookcase.



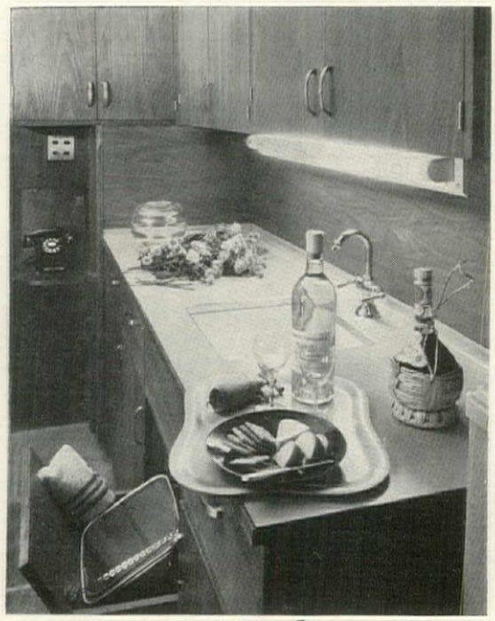
KERTESZ

GARDEN WALL FORMS A FIREPLACE INDOORS

The Cochrans have a gift for spontaneous hospitality, rarely spend a week end alone. Because they like their friends to visit them *en famille*, they fitted the playroom with a closet for two folding beds, placed the adult guest room nearby. For large parties, their living-dining room extends nearly 40 feet; skillful lighting and furniture groupings make it comfortable for small gatherings as well. The north clerestory skylight serves to balance light streaming in from the window wall. Ribbed glass panels diffuse day and night lighting. For varied intensity, there are three series of fluorescent tubes.

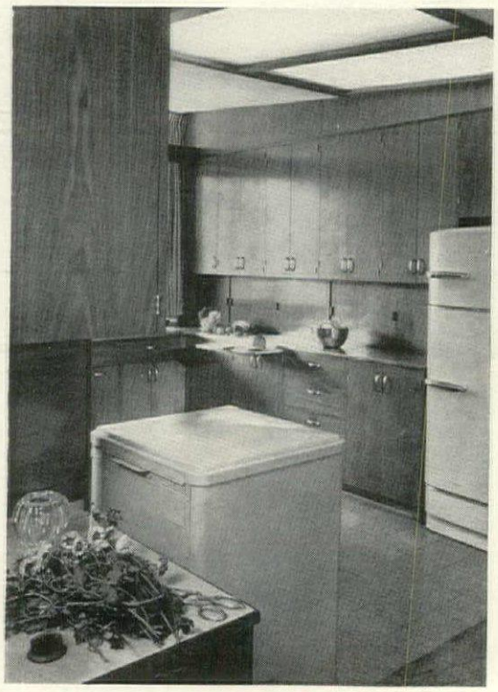
CLOSET NEXT TO FIREPLACE STORES PAINTINGS

The kitchen is for the whole family, perfect for informal meals

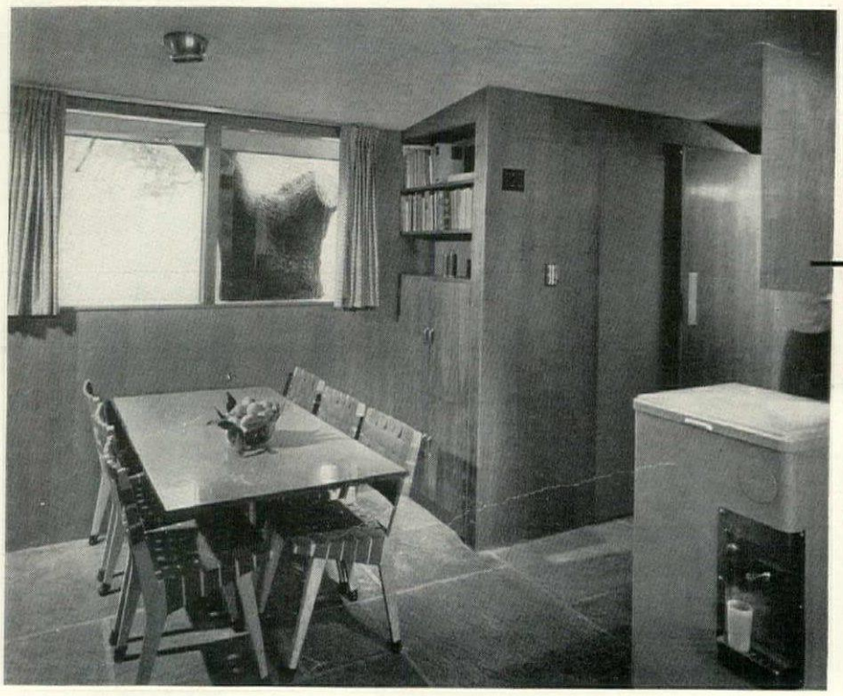


AUXILIARY WORK SPACE is for flower arranging, mixing drinks. Wine closet, water cooler are nearby. Note trash basket attached to bottom-hinged cabinet door. Telephone table extends into kitchen from main hall.

STORAGE WALL between dining room and kitchen short-cuts the transfer of dishes. Platters are filled hot off the range, pushed through serving window to dining side. On return trip they go straight into below-counter dishwasher, back on the shelves when dry. Linens store flat on trays.



L-SHAPED KITCHEN concentrates main work areas in one section (right), uses the other space for dining, a flower sink (foreground) and a capacious wine closet.

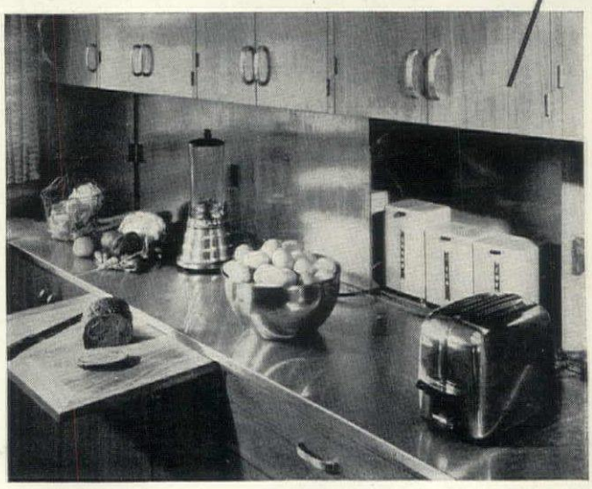


THE DINING ALCOVE off the kitchen is where the children have most of their meals. They fill their glasses from the water cooler at right. Bottles of soft drinks are chilled in a special top-loading compartment.

KERTESZ

RESILIENT CORK TILE FLOORS THE WORK CENTER OF THE KITCHEN

The kitchen is a room to live in, as handsome as any other in the house. The cabinets are natural walnut (same as in living-dining room), counters are stainless steel. The equipment was spray-painted HOUSE & GARDEN'S French Blue to match the Chambers range. Because Mrs. Cochran has a passion for neatness, the counters have sliding panels to conceal a third of their depth. Behind them she keeps canisters and small appliances ready for use. In summer, she serves meals out on the cool terrace; dishes are passed outdoors through the kitchen window.



SLIDING DOORS CONCEAL REAR THIRD OF COUNTER

PETER AND JIMMY HAVE AN OUTDOOR PLAYROOM

Children on the blueprint: Lilienthal house

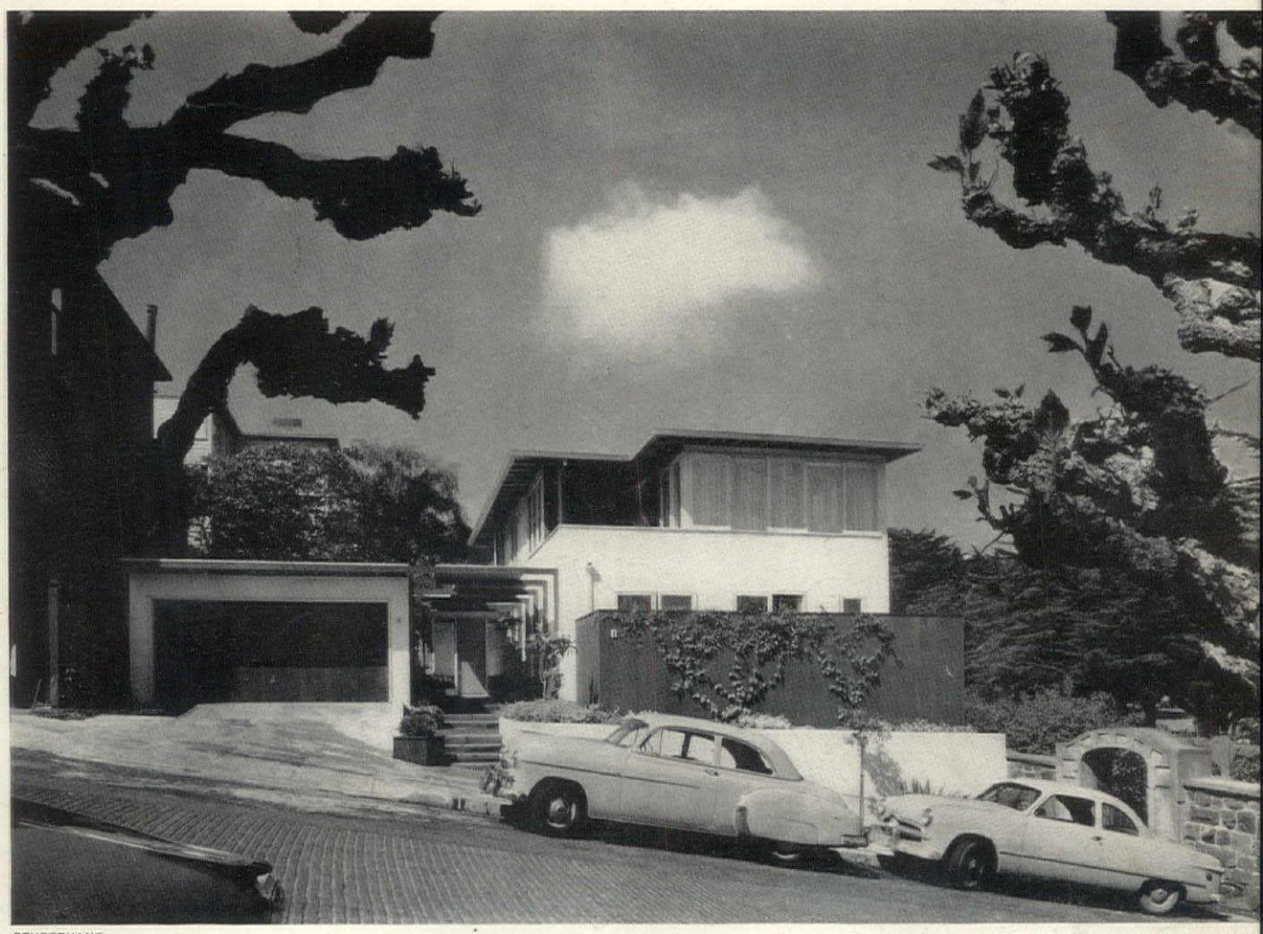
Growing up in town

MORE than in the country (where they can work off surplus energy outdoors), children need houseroom of their own in town. Mr. and Mrs. Robert P. Lilienthal asked Worley K. Wong and John Carden Campbell to plan their San Francisco house so that their boys, Jimmy and Peter, should have their own dining alcove and a full half of the second floor. On these four pages you see how outdoors and in have been zoned to give two generations *lebensraum*. The youngsters have: their own bathroom, communicating with their parents', their own rooms, a roof deck which they share, storage in the garage for outdoor gear and a lion's share of the grounds, designed by the well-known landscape architects, Eckbo, Royston & Williams. For themselves, the Lilienthals have wisely looked ahead to the day when the boys will want to use the living room and have added an upstairs study.

Opposite

A CLOISTERED WALK LEADS INTO THE HOUSE

In a nice compromise with the San Francisco climate (good but not always perfect), the entrance walk is partially covered. The varying widths of the roof form a charming pattern and allow sun to fall on the paving. The garage forms the left side wall, the house is at right. Plants are subtropical: fuchsias, sarcococca, jasmines and agapanthus.

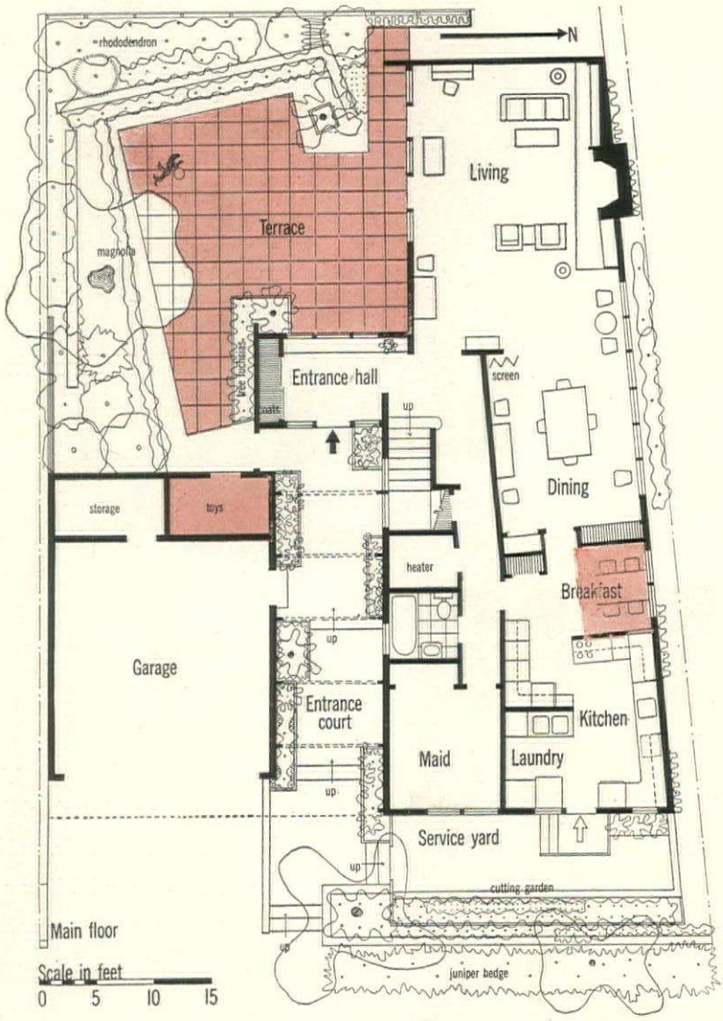


STURTEVANT

GARAGE SCREENS CHILDREN'S PLAY YARD FROM STREET

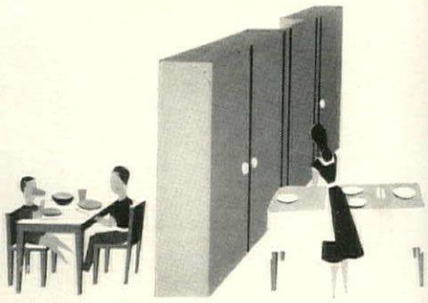
The service wing and garage front the street

Children share but do not dominate the house. For themselves, Mr. and Mrs. Lilienthal have a spacious living-dining room and the garden becomes theirs in the evening when the tricycles have been garaged for the night. A propitious use of the small lot (which backs up against an old city wall) affords them a view over the Presidio from their dining room. For their convenience, a cupboard in the living room stores card tables; two others wall the dining room from the children's dining alcove. One of these houses a bar, the other is for silver, china, place mats, etc.



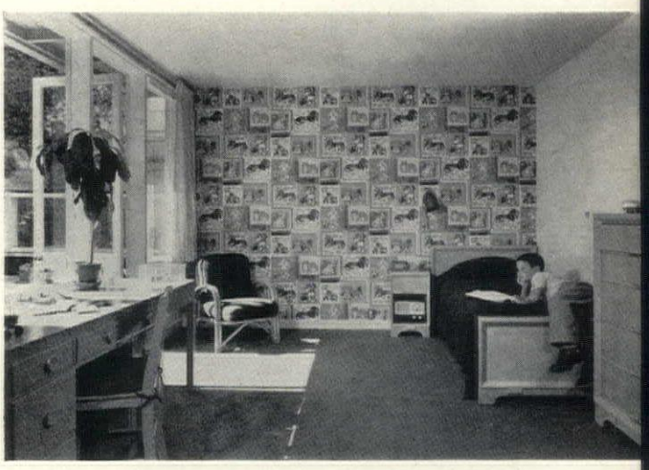
REDWOOD BENCHES in the secluded corner garden hold potted plants which bloom the year round. This patio is the central room of the house, enlarging the living room.

INTERIORS, BY CAMPBELL AND WONG, WERE DESIGNED ALONG WITH THE HOUSE

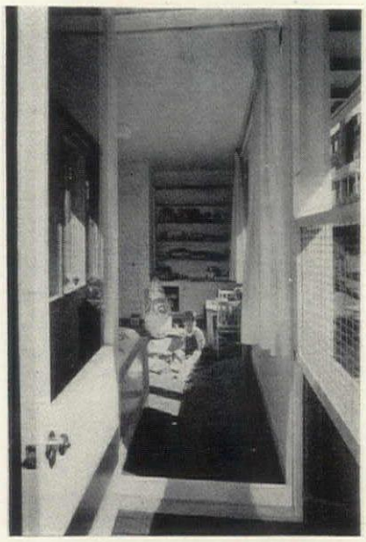


DINNER is served to Jimmy and Peter at the left; at the same time, the grown-up dining room, right, is in use. Cupboard wall divides generations.

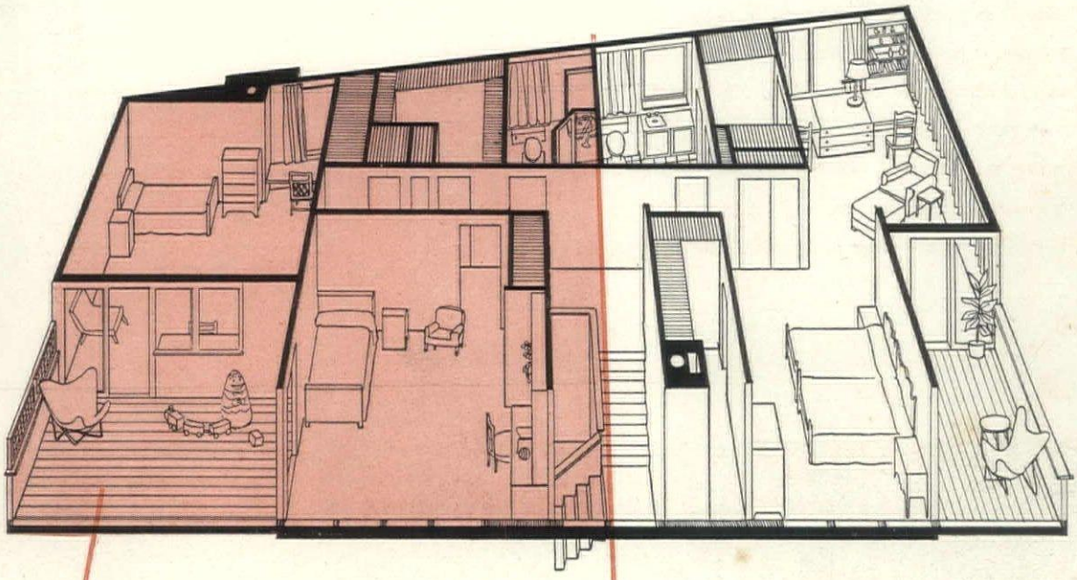
NEATNESS is encouraged by capacious desks in both boys' rooms. They share a deck with a high railing.



JIMMY, a dog fancier, has wallpaper celebrating this interest. A radio is in his night table; bookcases are built in.



PETER can play indoors in his own room or out on the children's play deck, where this photograph was taken.



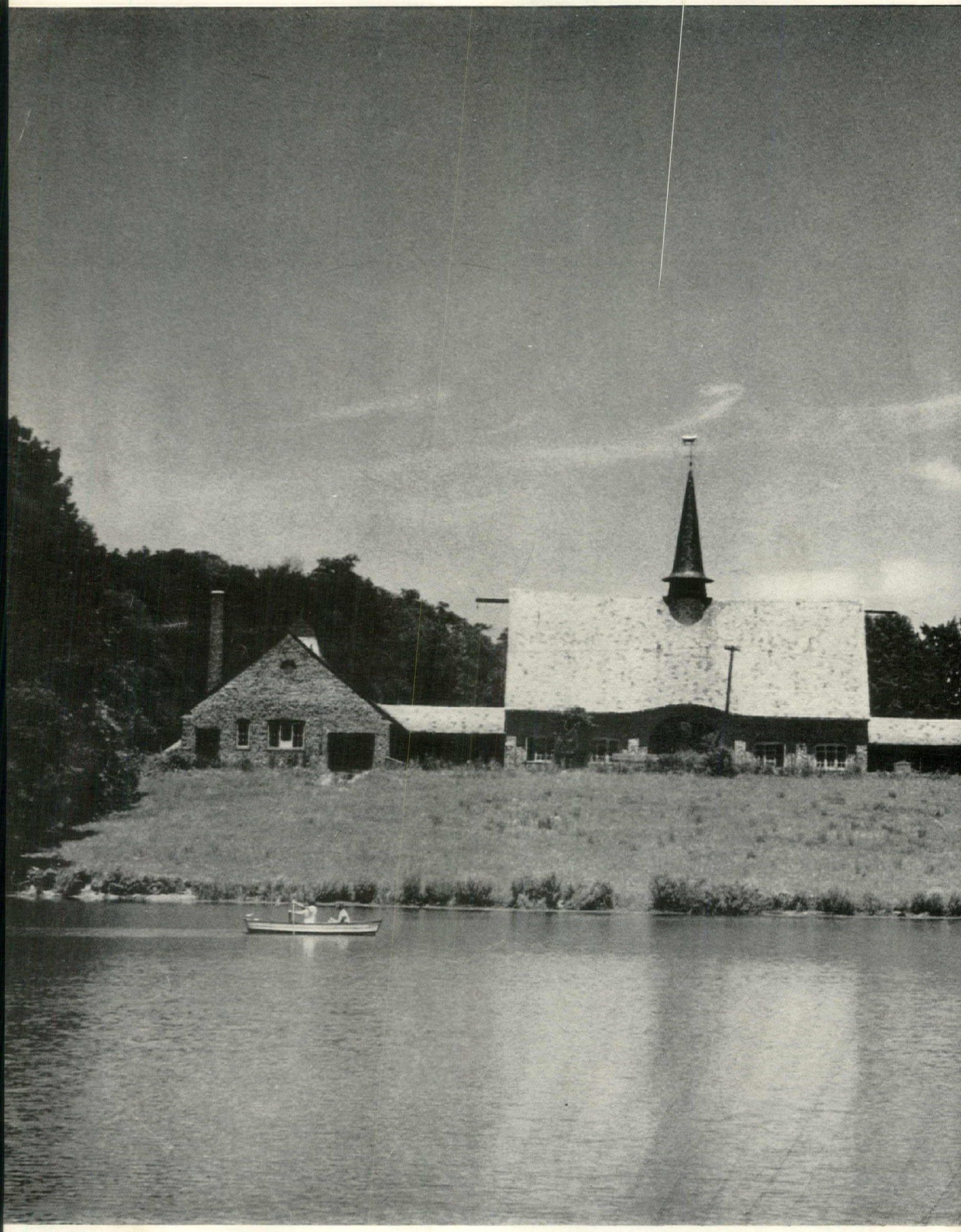
WITH PERFECT IMPARTIALITY, the upstairs is divided equally between the junior and senior members of the family. Children have desks in their rooms; parents have an alcove-sitting room. There are two separate decks, two bathrooms. Storage room, upper left, is balanced by bath-dressing room, upper right.

STURTEVANT

DAVENPORT

THE GARDEN is paved to double as a play yard where the boys tricycle far from the street. Their rolling stock has its own closet which opens into the yard. Additional storage is inside garage.

Building data page 102.



TOM LEONARD

Farms along the Hudson

THROUGH generation after generation of Beekmans, Livingstons, Astors, Dinsmores, Roosevelts and Delanos, the agricultural importance of the Hudson Valley as a "bread basket" has been kept in fertile trust. Today, on a series of interlocking estates from Staatsburg south to Hyde Park, the Valley orchards are fruitful, the fields are green, the barns are full. The old manorial dwellings facing the Catskills are as redoubtably maintained as the land they stand on. "Ferncliff," Vincent Astor's farm at Rhinebeck, has been worked productively for over a hundred years. Among "Ferncliff's" large holdings, 800 acres are arable, 150 are hilly, 200 are rolling, 350 are in river bottom land, 2,000 are in woodland, 150 are in roads, buildings, fences, ponds and brooks. Since much of the Valley soil contains clay, Capt. Astor uses ground limestone with magnesium to correct acidity. All of the tillable farmland is planted to grass-legumes which supplies calcium stamina to herds, permits cattle grazing with minimum of top-soil erosion. (*Cont'd on next page*)

THE VINCENT ASTORS' RHINEBECK FARM, "FERNCLIFF," HAS STONE BARNS BORDERING THE POND

Built in 1914 by architect Harrie Lindeberg, these all-purpose stone barns were designed to shelter Aberdeen Angus cattle in winter, store hay in silos as food for the herds, plus giving maximum sanitation with safety.

Hudson River scrapbook: 1790 to 1951

Fields are seeded with 60% brome grass with ladino, 30% timothy with alfalfa, 10% of birdsfoot trefoil (legumes which hold moisture, send up nutriment and supply 1200 tons of hay a year for silage and pastures).

In addition to work on forestry and land reclamation, Capt. Astor and his farm manager, Le Roy Bannister, maintain a herd of 300 Aberdeen Angus whose beef yield is 100,000 pounds a year; 400 turkeys (finished off on walnuts and shot of port wine); 1800 laying hens which account for 43,000 dozen eggs, 15,000 pounds of poultry. The Hampshire sheep produce 5,000 pounds of lamb. From the Jersey dairy herd come 12,400 gallons of milk, 406 pounds of butter fat yearly. All of which testifies to wise soil conservation and sound agronomic methods.

On a smaller scale is the Lytle Hulls' "Dinsmore Farms" whose land and barns are used by the Allan A. Ryan herd of Aberdeen Angus cattle in which Mr. Hull has a participating interest. Like "Ferncliff," three-fourths of the Hulls' 500 acres are planted to grass for feeding and grazing, and 100 acres to alfalfa which is stored in silos and is also baled. On both of these farms the number of men once required for field work and old-fashioned hand threshing has been reduced by using power tractors and cultivators, air-blast ensilage blowers for drying hay and separating grain from chaff, thus cutting overhead and giving a return on investment. (In 1949 at the Chicago Livestock Fair, the above herd's "Eileenmere 1032" was international champion.)

Hudson Valley farmers have a neighborly accord in their agricultural theories and many are apostles of all-grass planting. Commenting on the productivity of farming along the Hudson, Mrs. William Osborn, whose house appears in the *Family Album* on the next page, says: "... Today, the places are still owned and lived in by descendants of the original owners who have adapted their way of life to present times. Many acres which were once parks and pleasure grounds are now sound working farms. Perhaps the old family shrewdness will last as long as love of land."

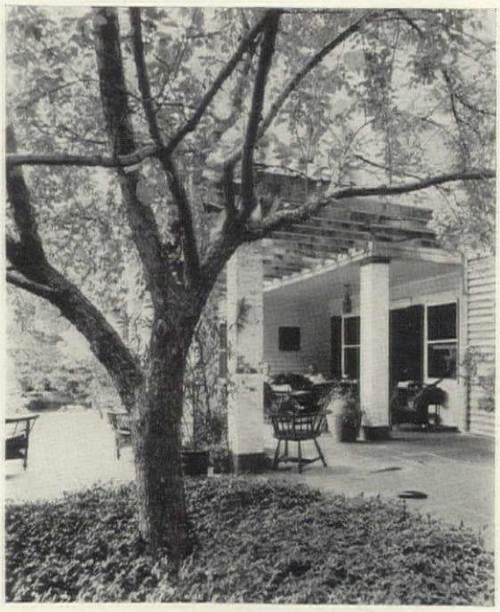
OLD "CLOVER LEAF" BARNS AT "DINSMORE FARMS."

LYTLE HULL WITH A MEMBER OF THE PEDIGREED ANGUS HERD

The land at "Dinsmore Farms" has belonged to Mrs. Hull's mother's family, the Dinsmores, for 150 years. (She is the fifth generation to live here.) The original magnificent black walnut and elm trees still shade the wide lawns where General Grant, when President, was frequently a guest.

THE HERMAN LIVINGSTONS' "OAK HILL" WAS BUILT IN 1790

Built by ancestor John Livingston, "Oak Hill" commands a 14-mile view of the Hudson. On its land is a superb grove of oaks. The house contains original portraits of the First Lord of the Manor, Robert Livingston (1654-1728) and his wife, Alida Schuyler.



THE OLIN DOWS' "GLENBURN" BUILT IN 1840 BY HIS GREAT-GRANDPARENTS

The loggia, enhanced by white oleanders and a pleasant fountain, makes a charming outdoor room where the Dows often gather.

TOM LEONARD

GIANT IRRIGATOR WORKS IN FIELDS ON THE ASTOR FARM.

MR. AND MRS. WILLIAM OSBORNS' "CALLENDAR HOUSE," 1790

A romantic colonnaded porch, much used by the Osborns when they entertain, looks across green lawns to hills beyond the Hudson.

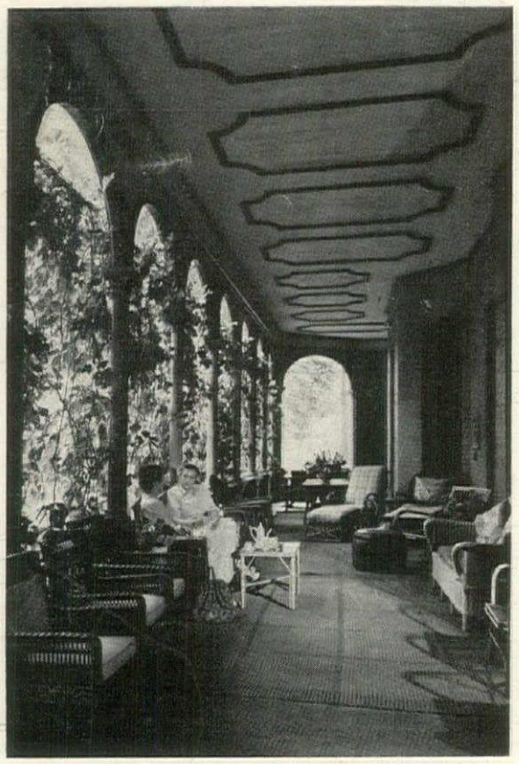
AT THE ASTORS' "FERNCLIFF," A ONE-MAN SPRAYER TRACTOR AT WORK

Oscillating as it sprays, machine reaches under the leaves and to tree tops. Huge irrigator (immediately above) diffuses water pumped from farm ponds over one and a half acres at a time, thus saving labor.

The Delanos have lived on the Hudson for one hundred years

THE Delano mansion "Steen Valetje" (Dutch for "Beautiful Valley") was built in the era of red damask billiard rooms, piazzas, whist parties, costume balls. Vigorously Victorian, its elegance has remained unchanged. The land around it is landscaped in the style of Andrew Jackson Downing who was addicted to sentimental lawn statuary, gazebos and belvederes. Like many another family along the Hudson Valley, the Delanos were engaged in the China Trade as porcelains in the rooms attest.

TOM LEONARD



MRS. LYMAN DELANO AND MRS. WILLIAM OSBORN ON THE VERANDA

THE BLUE DRAWING ROOM, RIGHT, FILLED WITH FAMILY MEMORABILIA FROM PAST "GRAND TOURS" OF EUROPE

In 100 years only three Delano ladies have reigned as mistresses of "Steen Valetje," receiving guests amid rosewood sofas, French clocks, Turkey carpets. Franklin H. Delano's bust (great-uncle of the late President) flanks the front door. The crystal chandeliers were recently electrified.

THE DRAWING ROOM WAS REDECORATED IN 1900

WALLS AND CEILING OF THE GRAND STAIRWAY HALL WERE PAINTED BY ITALIAN ARTISANS IN 1878

Skiers are hungry people

by FLORENCE BROBECK

APPETITES are born on snowy slopes. And if you are both a skier and hostess, you will not want to spend the afternoon cooking while your friends make the most of every sunny hour out-of-doors. The menus on this page are appropriately hearty and they will not tie you down unduly. Their real secret is that after a minimum of preparation in the kitchen, they can be finished on a chafing dish, or kept warm on any of the excellent warmers which are now so plentiful. The pastry of that wonderful cheese and onion pie, quiche Lorraine, and of the two tarts, can be made a full day ahead and baked while you are eating your appetizers. The oyster pilau and crab meat-ham rolls can be made without any fuss on a chafing dish. Salmi of beef is the most demanding dish in that it should be served promptly if the beef is to stay tender and rare but it requires little more than two minutes to cook. A full-bodied wine (remember this is hearty food and you will want a wine of real character) and plenty of coffee are indispensable. For the latter an electric coffee maker is valuable. Depending on your taste, you may want to add a green salad with a sharp dressing but you will find that a really hungry skier is more interested in hot foods. Appetizers can take the place of vegetables: stuffed endive, celery hearts, cucumber sticks, etc.

FIRST MENU

Thin slices of smoked sturgeon on narrow strips of pumpernickel

*Quiche Lorraine**

*Oyster pilau**

*Apples bourgeoise**

Coffee

WITH THIS MENU SERVE

Chilled Almaden Grenache Rosé or Alsatian Riesling

SECOND MENU

Tray of stuffed endive, celery hearts, cucumber sticks

*Crab meat-ham rolls**

Small buttered biscuits

*Salmi of beef**

Pecan tartlets or cherry tart**

Coffee

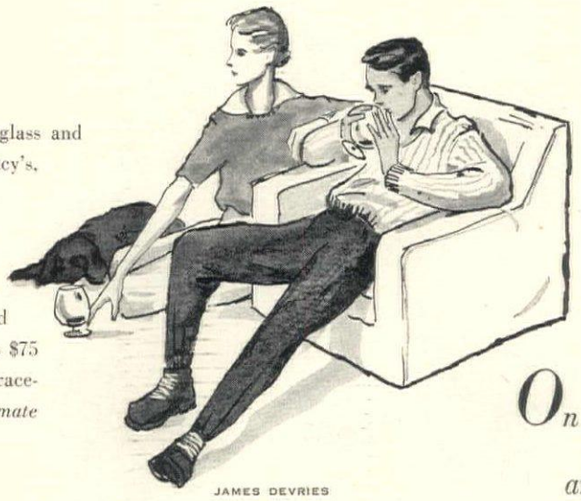
WITH THIS MENU SERVE

Beaulieu Burgundy

*RECIPES ON PAGE 111

Opposite

COUNTRY WINTER EVENING contrasts simple fabrics, the glint of glass and silver. Plates are "Encanto" Franciscan Fine China $2.50 ea., Macy's, New York. "Ingrid" pattern Swedish goblets $24 doz., wine $21 doz., I. Magnin stores, California. "Adams" pattern silver by F. M. Whiting Co., 6-pc. setting $31, ash trays $3 ea. incl. Fed. tax at Plummer's, N. Y. Simtex cloth 52" x 70" $4.50, Altman's, New York. Two-quart chafing dish $95, Sterno Inc., N. Y. "Peugeot" salt and pepper mills $33 pr. Epicure's Mart, Greenwich, Conn. Candlesticks $75 pr. French Antique Co. Basket $2.50, Piazza; flowers Irene Hayes; bracelet designed by Monet; all are in New York. *All prices approximate*



JAMES DEVRIES

NORMAN PARKINSON

On the next six pages are ideas for parties

The twenty-eighth installment in House & Garden's series for Young Marrieds

Ideas for parties

If you want to entertain amusingly yet keep within a young budget, take a tip from one of the four parties which we show you here and on the next five pages. In each of them, a bright idea has been carried through every phase of the plan. Menus are appetizing, appropriate, not expensive. The attractive accessories would give elegance to any party. A well worked-out scheme of entertainment gives a point to the evening, a fillip to the guests, earns a reputation for the hostess.

JAMES DEVRIES

1. Stage a shish-kebab party in front of your own open fireplace

MENU

Shish-kebab

Endive and romaine salad, French dressing

Garlic bread

Roasted walnuts, fruits

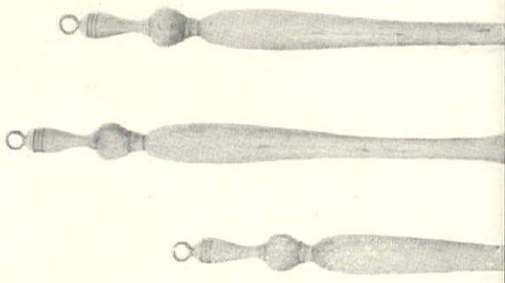
Café Diable

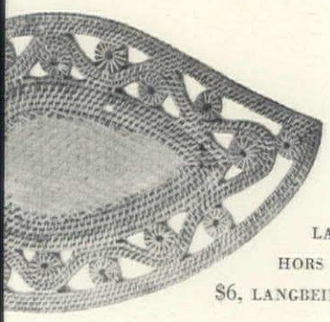
WITH THIS MENU SERVE

Fountainegrove Pinot Noir

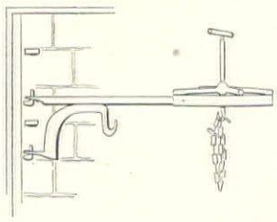
THIS party prolongs the lovely first moment in front of a bright fire all evening. A large table to hold the shish-kebab makings and a portable grill are the two main requisites. Let each guest thread his own skewer, cook to his own taste. With it, serve a cool salad, followed by a European fruit-and-nut course and Café Diable. After dinner, do one of the following: for highbrow guests, dig up magazines, scissors, cardboard and let them make montages; for middlebrows, play "Who Am I?" (see one of the new game books); for lowbrows, play snatches of old recordings, give a prize to the one who can name the most tunes.

HOWE TABLES, BLACK WITH GOLD (20″ x 24″, 22″ HIGH, FOLDS TO 3″). $18, ALTMAN, N. Y.

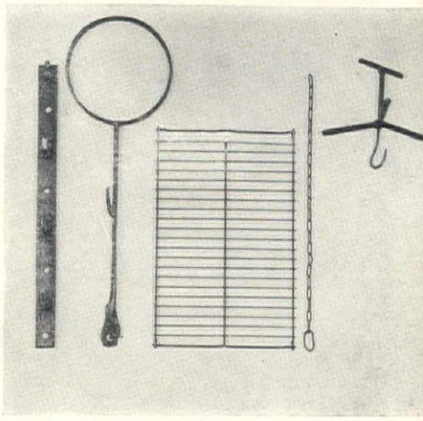




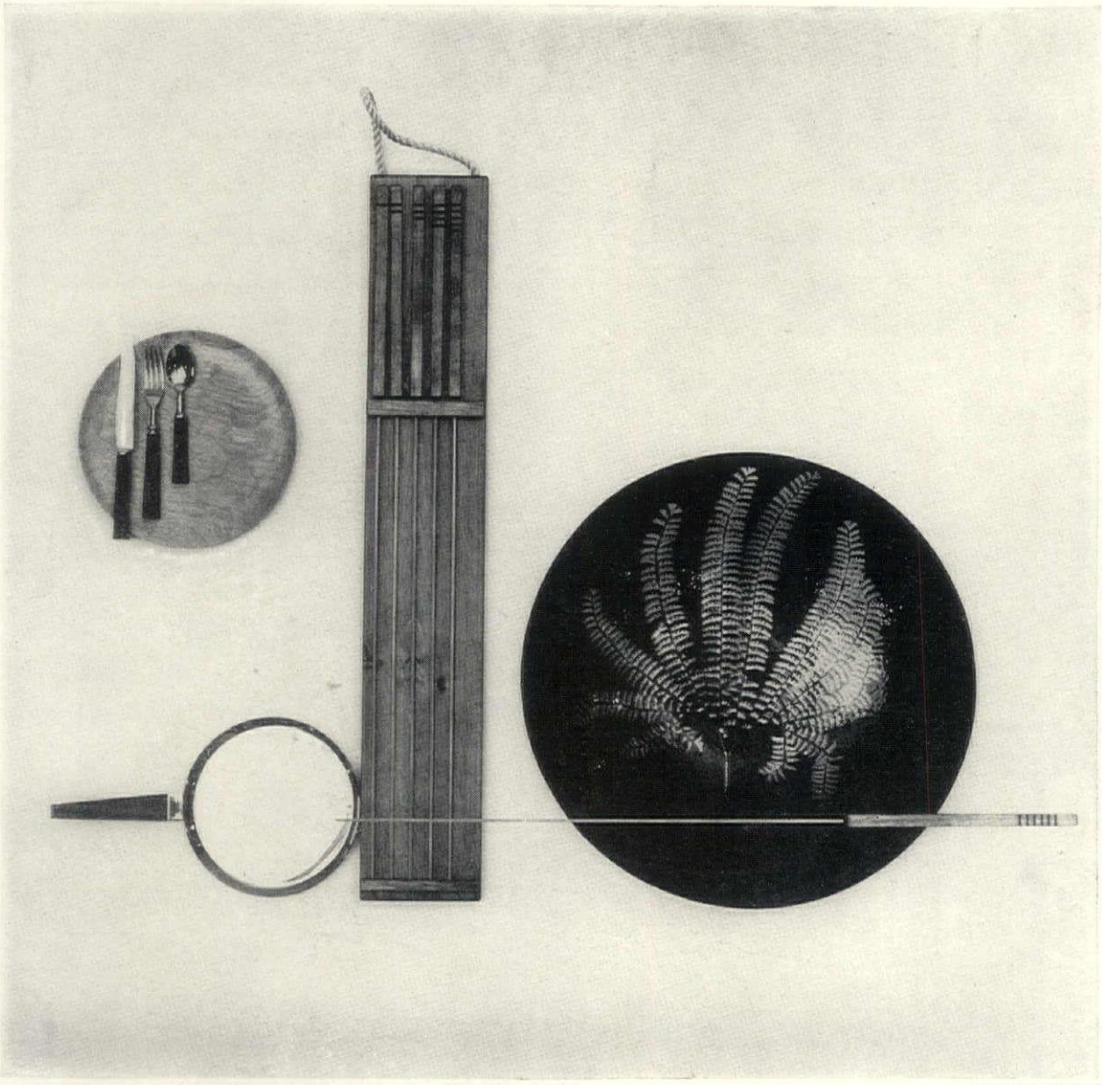
LACY CANED SERVER FOR HORS D'ŒUVRES, FRUITS AND NUTS $6, LANGBEIN, BROOKLYN.



CRANE ATTACHES IN FIREPLACE



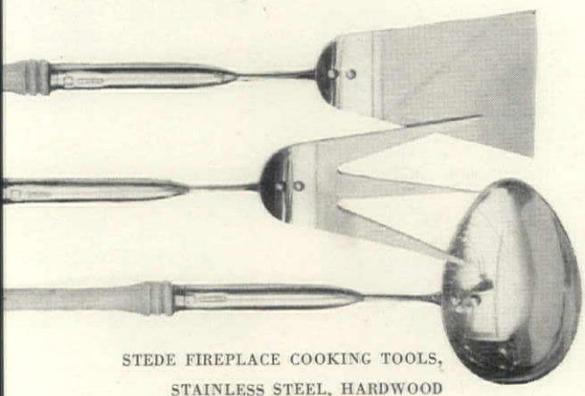
HAND-WROUGHT COPY OF ANTIQUE 5-PC. COOKING SET ROASTS, GRILLS, BOILS. BY WHANG HOLLOW TINKERS. $30, HAMMACHER SCHLEMMER, N. Y.



HAANEL CASSIDY

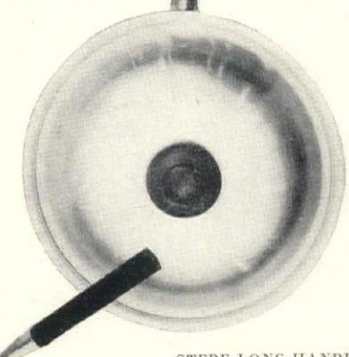
PARTY-PERFECT: Alcohol-proof myrtlewood plate $4, Rich's, Atlanta; stainless-steel rosewood-handled flatware $25 6-pc. place setting, Langbein; Vincent Lippe brass serving skillet designed by Parzinger $9, Lord & Taylor; square-bladed shish-kebab skewers $7 for six, rack, Epicure's Mart, Greenwich, Conn.; Smilie brown plastic salad bowl $30, Altman, N. Y.

HABITANT OCTAGONAL PINE TABLE 52" x 18", $73, SLOANE'S, N. Y.



STEDE FIREPLACE COOKING TOOLS, STAINLESS STEEL, HARDWOOD HANDLES, $9 EA., $25 SET, ALTMAN, N. Y.

CAFÉ DIABLE SET, EMPRESS-WARE, COPPER, SILVER-LINED, WITH LADLE $45, LEWIS & CONGER.



STEDE LONG-HANDLED PAN, PEWTER FINISH, $25, DUPINS, NEW YORK.

All prices approximate

2. Give a wine tasting instead of a cocktail party

WHITE WINES

Valliant California Chablis

Beaulieu Napa Valley Riesling

Cresta Blanca Sauterne

Almaden Pinot Blanc

RED WINES

Beaulieu Cabernet Sauvignon

Inglenook Napa Valley Cabernet

Almaden Cabernet

Charles Krug Cabernet

WITH THEM SERVE

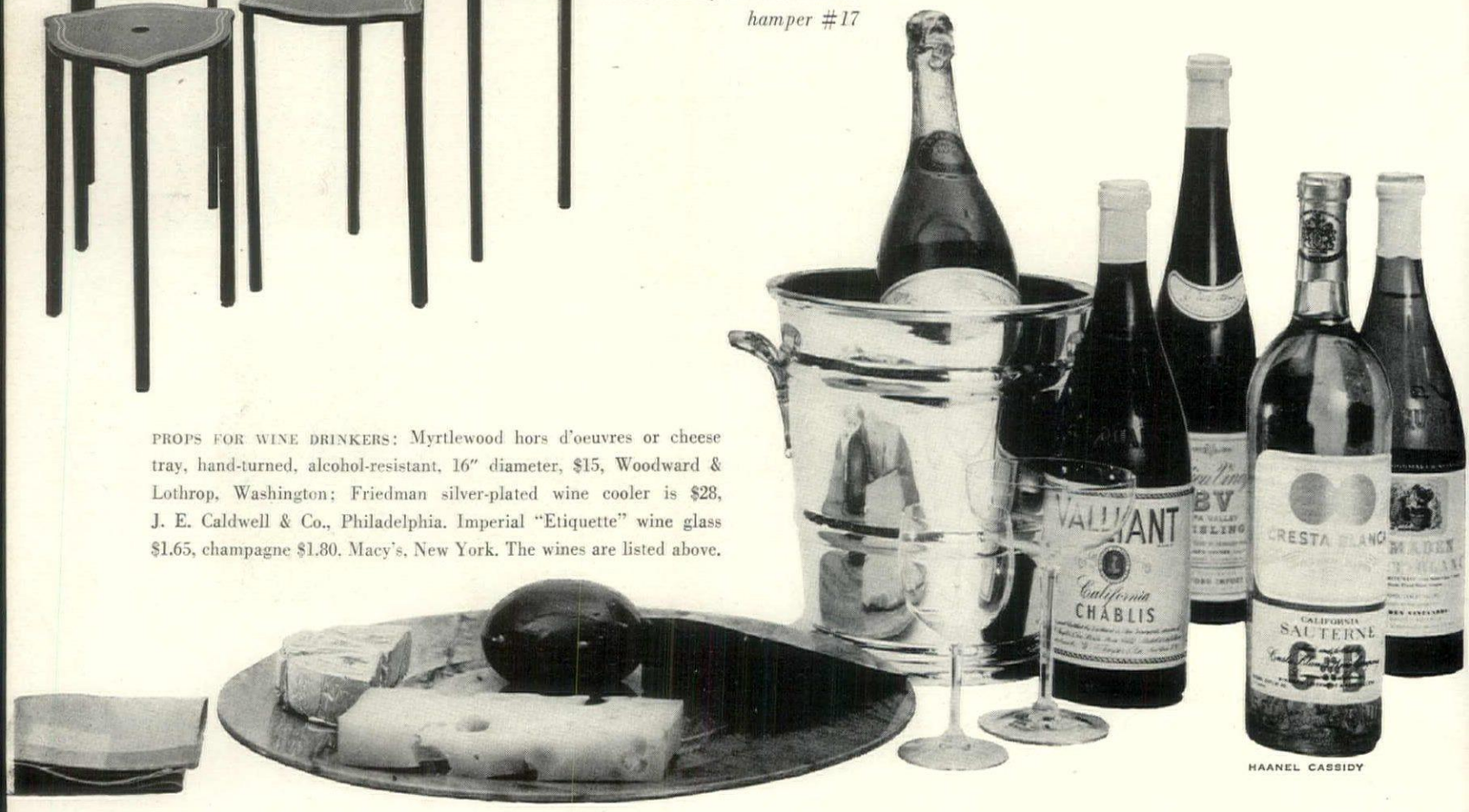
Romary biscuits

Melba toast rounds

Swiss Colony assorted cheese hamper #17

In planning this, limit your choice to a few wines of a related type. White wine must be chilled, red served at room temperature and opened well ahead of time. Set up a long table with groups of clear glasses, begged, borrowed or rented, as each tasting (of about an ounce) calls for a clean glass. Between wines, clear the palate with a dry biscuit or a bit of cheese. Points on which to judge wines are: clarity, color, bouquet or aroma (both perceptible by sniffing) and taste. Hold the wine in the front of the mouth, then in the back, then savor the after-taste. By the end of the evening you and your friends will discover that you have palates and preferences, that wine connoisseurship is a lot of fun.

NEST OF FOUR HOWE TABLES 17″ H., BLACK WITH GOLD, $27, HAMMACHER SCHLEMMER, N. Y.



PROPS FOR WINE DRINKERS: Myrtlewood hors d'oeuvres or cheese tray, hand-turned, alcohol-resistant, 16″ diameter, $15, Woodward & Lothrop, Washington; Friedman silver-plated wine cooler is $28, J. E. Caldwell & Co., Philadelphia. Imperial "Etiquette" wine glass $1.65, champagne $1.80, Macy's, New York. The wines are listed above.

HAANEL CASSIDY

3. Give the teen-agers an evening of square dancing

JAMES DEVRIES

ENTERTAINING the younger set is a sure recipe for gaiety. You need only the simplest of buffets, as there will be no lingering over the meal once the fiddler and caller get going. Set it up cafeteria-style, give every guest one job, such as serving and seeing that at least every two couples have a convenient folding table to put their plates on. Classic as the hamburger for this occasion, yet a welcome change of flavor, are the new frozen chickenburgers or frozen pizzas accompanied by coleslaw. Be sure to provide a thirst-quenching light wine-and-fruit punch to sip all through the evening. Useful props to keep up the pace are: real Japanese lanterns; a mechanical fortune teller; a wire recorder.

MENU

Hamburgers, chickenburgers on buns; pizza

Coleslaw

Potato chips with avocado and sour cream dip

Orange ice with ladyfingers

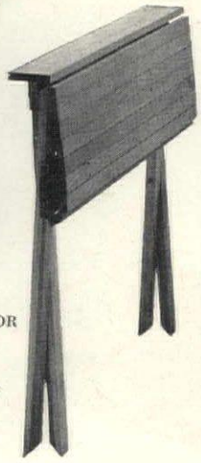
WITH THIS MENU SERVE

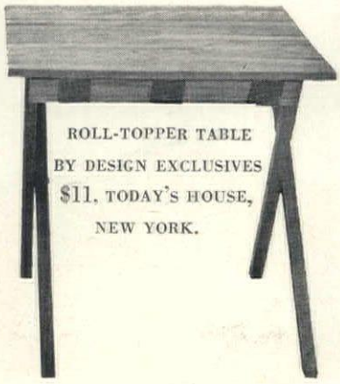
Fruit punch made with Wente Bros. Livermore Sweet Semillon

WESTMORELAND MILK GLASS PUNCH BOWL SET $35; MATCHING DESSERT PLATE $1.60, MCCREERY'S, NEW YORK.

MASSLINN NAPKINS $1.30 FOR 36, CARSON PIRIE SCOTT, CHICAGO.

SPADE COOLEY'S SQUARE DANCES BY RCA VICTOR $2.72 AND $3.25, DOUBLEDAY BOOK SHOPS.
WILCOX-GAY THREE-SPEED RADIO-PHONOGRAPH-RECORDER, 18 LBS. $100, JENKINS MUSIC CO., TULSA.




ROLL-TOPPER TABLE BY DESIGN EXCLUSIVES $11, TODAY'S HOUSE, NEW YORK.

SIMTEX "DEVON" TABLECLOTH $2, BLOOMINGDALE'S, N. Y.

All prices approximate

JAMES DEVRIES

4. Give a supper for servicemen followed by an evening of singing

PERHAPS your husband isn't in the Army but the husbands of a lot of other girls are. To ask in a group of GI's is not only natural in 1951 but can be a heart-warming affair all around. The mainstay of this meal is one generous hot dish such as a rice jambalaya or a spaghetti with meat or clam sauce (either of these is apt to be a refreshing change from the meals they get in the Services). Follow with a green vegetable salad, and then a classic old-fashioned dessert. You'll want a party-size chafing dish or a big earthenware casserole on a hot table, for the food must be piping as well as plentiful. The men will be grateful if given something to do, so let one set up tables, another shake and serve the bottled cocktails and so on. Music breaks the ice fastest and an accordion player with a large repertoire gives the right atmosphere of genial informality. An open fire helps, too. By the time supper is over, your guests will be ready to gather around and launch into anything from school songs to the latest hits.

MENU

Spaghetti with minced clam sauce, grated Parmesan

String bean and spring onion salad, French dressing

Corn sticks

Deep dish apple pie with cream

Coffee

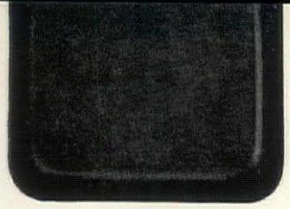
WITH THIS MENU SERVE

Inglenook Napa Valley Cabernet

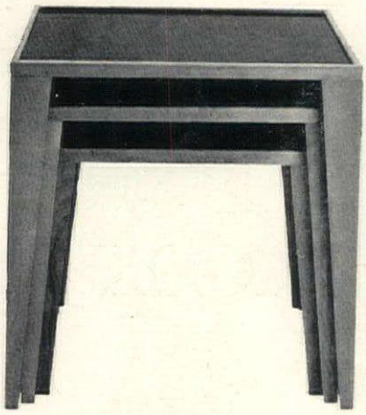
MAGNETIC BOTTLE OPENER, CHROME, $2, WANAMAKER'S, NEW YORK.

PARTY PACERS: Electric food server, 3 compartments, in copper by Maxwell, $74 at Neiman-Marcus, Dallas. Luxembourg brown pottery plate, $1.30; cup and saucer, $1.70, Altman's, N. Y. "Wildflower" Royal Crest silver, Empire Crafts. Crosse & Blackwell bottled martinis with olives. Bernadotte cocktail glass, $4.25, Jensen's, N. Y. Chemex coffee maker, 8 c., $6; 12 c., $9.50, I. Magnin, Los Angeles. Terra-cotta casseroles, $4, $2, Piazza, N. Y.

HAANEL CASSIDY

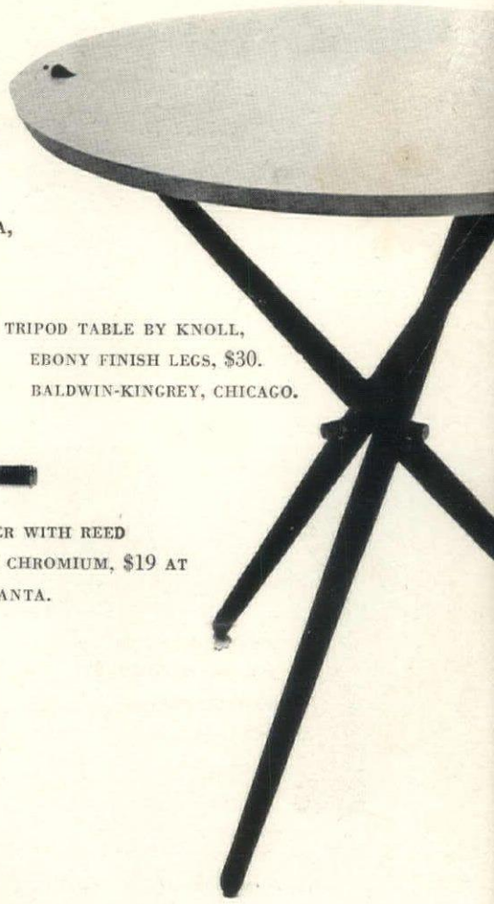


BLACK PLEXIGLAS TRAY, $12.50,
FROM KAUFMANN'S, PITTSBURGH.

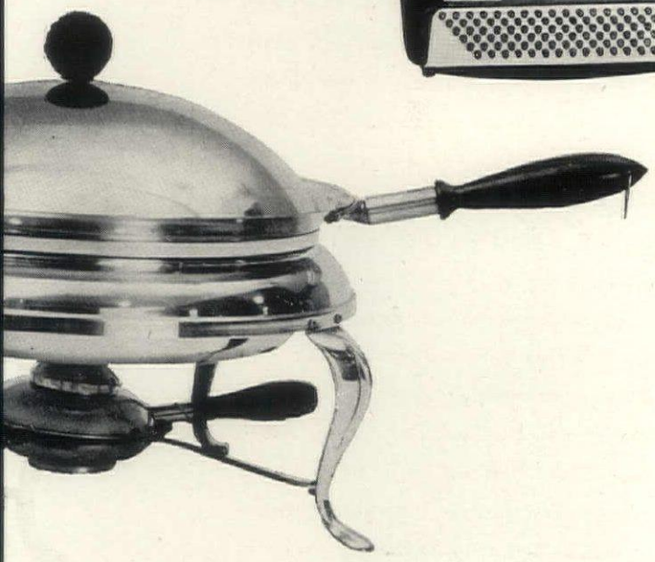


KNOLL TABLES OF BIRCH;
BLACK, WHITE OR RED
ENAMELED TOPS, $49. NEW DESIGN, N. Y.

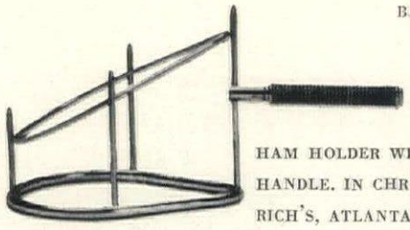
MINUETTA ACCORDION BY LA TOSCA,
$225. FROM
LYON & HEALY, CHICAGO.



BIRCH TRIPOD TABLE BY KNOLL,
EBONY FINISH LEGS, $30.
BALDWIN-KINGREY, CHICAGO.

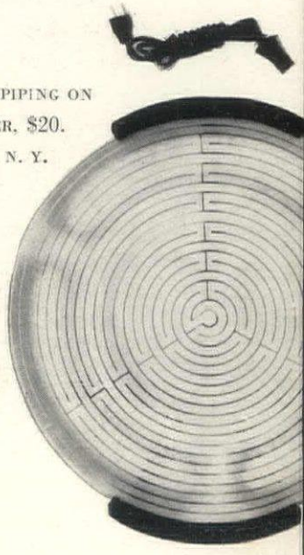


COPPER CHAFING DISH, PARTY
SIZE, HOLDS SIX QUARTS.
$50 AT LORD & TAYLOR, N. Y.



HAM HOLDER WITH REED
HANDLE. IN CHROMIUM, $19 AT
RICH'S, ATLANTA.

HOTABLE SERVING CART DOUBLES
AS BUFFET. RADIANT-HEATED
GLASS TOP, WALNUT DROP-LEAF
PANELS, $164. SLOANE'S, N. Y.



HOT FOOD STAYS PIPING ON
THIS 20″ PLATTER, $20.
LORD & TAYLOR, N. Y.

All prices approximate

Summer look in winter rooms

Eight points to remember:

1. A CHANGE OF PACE FOR YOUR ROOMS
2. LIGHTNESS, MOBILITY, ADAPTABILITY
3. SECTIONAL UNITS TO ASSEMBLE
4. MYRIAD PRETTY COLORS
5. NEW FINISHES AND FABRICS
6. DURABILITY AND EASY UPKEEP
7. GRACEFUL LINES, COMFORT
8. BASIS OF A SOUND INVESTMENT

If you are laboring under the delusion that summer furniture belongs *only* in the country, you are not moving with the times. In the country it is routine; in town it is a bonus. You can use it in every room in the house for its fascinating colors and cushion covers (this year more varied than ever before): in living or dining rooms as accents; in bedroom, bath or dressing room for its grace; in kitchen or pantry for its compact neatness: in playrooms and nurseries for its durability. Summer furniture is a good mixer and generally light enough so you can draw it into any grouping. Its versatility is on a par with the best of contemporary design. Sectional pieces fit together smoothly, tables serve you in infinite ways. All this is coupled with a happy ability to follow you out-of-doors in the spring, into the sun if you have a terrace or garden.

HAANEL CASSIDY

Linear design in charcoal black

Clean modern lines, crisp black finish and compact scale make this furniture, designed by Paul Laszlo for Pacific Iron Products, eminently suitable for either a town apartment or a country ranch house. The 34" x 54" glass-topped table is $100; armchairs with seat and back cushions $60 each; side chairs with two cushions $50 each. All of wrought iron at James McCreery in New York; The Dayton Company, Minneapolis.

Opposite: Italian modern design in white

Designed by Tempestini, Salterini's wrought-iron furniture makes a point of the year's most arresting design trend: Italian. With purple, gray and Carnation, the 42" d. table ($140), armchairs ($48 each) and side chairs ($40 each) are urbane. At Bloomingdale's, New York; C. A. Stowers, San Antonio; Scruggs Vandervoort Barney, St. Louis. They blend well with Dunbar chests, $399 with drawers, $378 with shelves.

Prices approximate. Shopping data on page 114.

HAANEL CASSIDY

Scrolled in French fashion, aluminum furniture is feminine

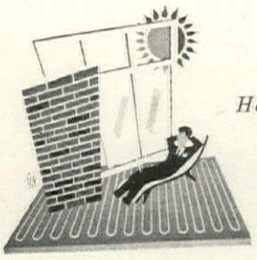
Today, serve breakfast beside your bedroom window; next June, set Lee L. Woodard's shrimp-pink cast-aluminum table ($190) and chairs with black duck covered cushions ($54 each) on the lawn outside. Disc feet prevent it from digging into carpet or grass. The thick glass top is elegant; innerspring cushions, tailored, comfortable. At Wanamaker's, Philadelphia; Marshall Field, Chicago; Rich's, Atlanta. This furniture is effective with De Gaal & Walker's upholstered French Provincial bed (price $375 in muslin).

Opposite

All-weather metal furniture has the air of bamboo

Indoors, make a small, intimate grouping of Molla's lightweight furniture designed by Lyman. It can encircle a table, face a fireplace or television set. Outdoors, focus it on a view, draw it up to a pool, around a shade tree. Sections of the sofa seat three, have grass-green Peruvian linen covers and are scaled so they can be assembled in many ways in large rooms or small. They cost $335 each in muslin; the 39" octagonal coffee table $155; the step-end table $75 at Bloomingdale's, N. Y.; Closson's, Cincinnati; Hemenway, New Orleans. The plant is *Philodendron pertusum*, commonly known as *Monstera deliciosa*.

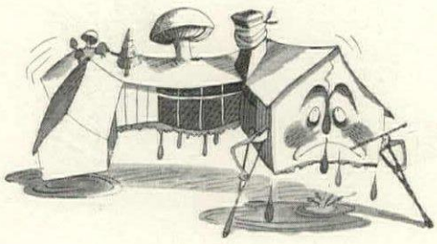
Prices approximate. Shopping information on page 114.



House & Garden's 1951 Building Series

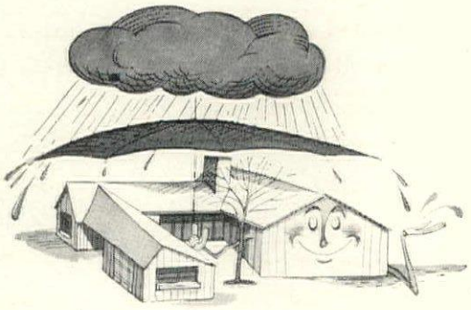
What makes a house comfortable?

Comfort is king today. You want houses that are easy to live in, easy to run, free of damp basements, chilly rooms, hard-to-maintain finishes, hot attics, etc. To that purpose HOUSE & GARDEN *begins its 1951 building series in this issue. It will deal with factors that create a comfortable house—proper foundations and framework, insulation, heating and cooling, plumbing, lighting and electrical equipment, sun control, ventilation, finishes. Each month one of these subjects will be covered in our series as outlined here. They apply to a house you build, to one you remodel or maintain. To further the cause of good house design we are also building an actual Idea House on Long Island and will publish the story of its planning and construction along with this building series. It will not be a "dream house" but one which faces building and budget problems realistically. Watch for our story of its progress in forthcoming issues. It will be the first house in a series which we will sponsor in various regions of the United States.*



February: Prevent cracks, creaks, leaks

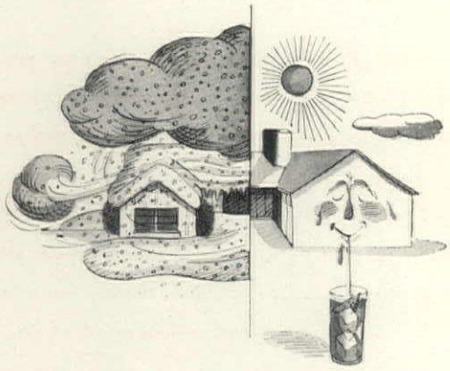
COMFORT begins with the bare bones of your house. The foundation must be sound and strong enough to support the weight of the house without yielding; the framework must be rigid and sturdy. If they aren't, your house won't be comfortable; floors will sag and creak, doors and windows will hang unevenly or jam, chimneys will draw poorly, you will have to struggle with cracking walls, insidious drafts, heat loss, seeping dust. Both foundation and frame also need protection from dry rot, termites, from shrinking and swelling. If you have a basement, you will appreciate the storage it gives you. But its usefulness is slight if it leaks or is damp, has a musty odor or moisture. To avoid such discomfort, you can use a dehumidifier to absorb condensation, grade the land or put in drain tile to eliminate surface water, waterproof the walls and floor or put in a sump pump to get rid of underground water. What you do depends on the extent of your particular problem and on whether you are dealing with an old house or one you're building. If you build, choose a dry lot.



March: Build to withstand weather and wear

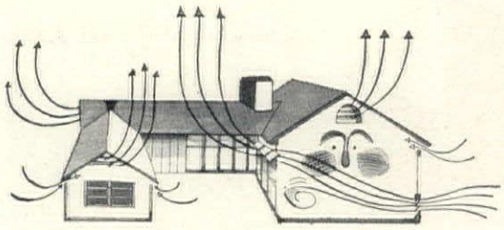
THE outside walls and roof of most houses must shut out wind, hail, snow, frost, sleet and sun as well as rain. How snug and comfortable they keep you depends on the thoroughness of their construction and how well it matches the weather it encounters. For average climates, with both hot and cold weather,

most house walls are built in layers like a sandwich—interior finish, vapor barrier, insulation, studs or framework, sheathing and building paper, outside finish. Roofs are built in much the same way. The value of this construction depends on its weather-tightness; if rain or snow penetrates the joints in a brick, stone, shingle, clapboard or siding wall, or the crevices around windows, or the valleys or junctures of the roof, you will probably have a wet wall, a leaking roof, ruined paint or wallpaper, drafts, other inconveniences. Sound construction, good roof flashing avoid this. Be mindful, too, of the durability of wall and roof materials—some will need painting, staining, waterproofing, pointing or replacement, some will be fire- and rot-resistant; others will not. In reckoning the ultimate cost, this can be a matter of much comfort or discomfort to your checkbook, as well as to you personally.



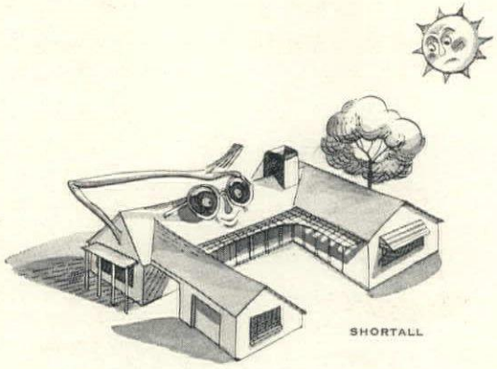
April: Keep winter heat in, summer heat out

No other building product does more to give you a comfortable house than the insulating material you put in your walls and roof. It works year round. It lessens the heat flowing out in winter, reduces the heat pouring in during summer. It creates pleasanter rooms to live in because insulated walls, floors or ceilings won't chill you in winter as cold, uninsulated ones do. Rooms won't be as drafty or stuffy either; insulation lets you cut down the amount of heat you need which means lower temperatures and more even heating, fewer colds and a saving in fuel bills. It is also convenient in other ways: you won't have to repaint your rooms or have curtains or upholstery cleaned as often because less heat moving through the walls means less dust circulating. Insulating materials also help to muffle outside noises. Remember that insulation should be gauged to the needs of the climate you live in, must be planned for your particular weather problems, heat, cold or both conditions. You must also choose among (1) a reflective type of insulating material or (2) one of the batts or boards that include a vapor barrier to eliminate condensation or (3) a loose fill material. See that your choice suits the construction of your house and is carefully installed. Don't forget to include weatherstripping and storm sash in your house.



May: Include adequate ventilation

Unlike fish, who live in water, you need air. Air movement is important in your house for year-round comfort conditioning. It is an essential factor in heating and insulating but it is also important by itself in summer. You can get a nighttime breeze all through the house if you provide window openings at ground level (where air turns cool at night), then install ceiling and attic openings. Air will be pulled up through the house particularly if aided by an attic fan. You can also get effective cross ventilation in rooms if you have low window openings on one wall, high windows on an opposite wall. Cool air comes in the low openings, warm air rises and passes out of the high windows. You should also provide exhaust fans in baths, kitchen and laundry to carry off the humidity created there by baths, cooking and washing, and ventilate attics and roofs properly to keep them cooler in summer.



June: Control sun and shade for comfort

You can use the sun for its benefits and also mitigate its drawbacks. You can add its cheerful warmth for winter comfort and keep out the not-so-cheerful summer heat. Wide south windows let in desirable winter sun; a properly designed roof, a trellis or "eyebrow" will shade the windows when the sun is high in summer. You can also get summer protection by screening west windows (they get hot late-afternoon sun) with adjustable louvered screens, an arbor, a wall, ventilated awnings or other devices. The first goal of summer comfort is to keep sun from warming house walls and roof. Most heat gets in through the roof; a material that reflects sun heat or a roof spray will be desirable in hot climates; proper insulation and ventilation of the roof and attic space serves well in moderate zones. Shade trees, heat-reflecting screens, air conditioning, fans, are other aids.

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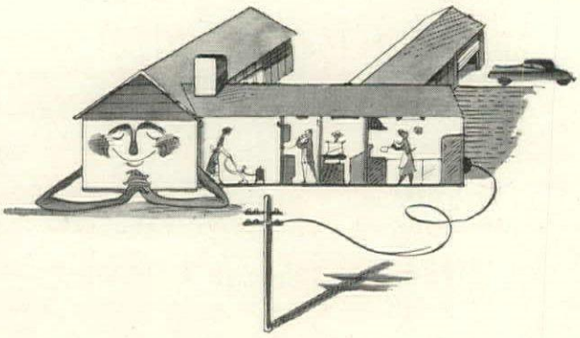
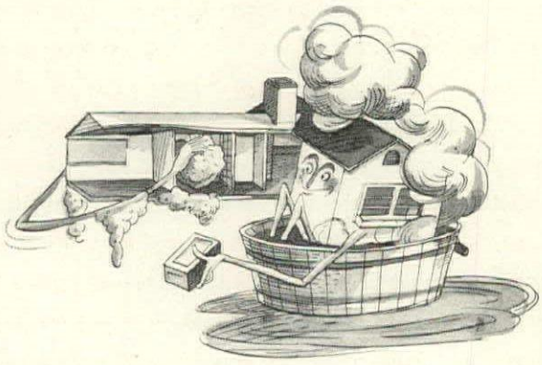


July: Run it with push-button ease

THE flip of the finger required to turn a switch can now bring almost any kind of convenience or comfort to your house. Electrical equipment will run the heating system automatically, light the house, prepare, cook and preserve your food, wash the dishes, do laundry and housecleaning, improve indoor weather, nurture good health, entertain you via radio or television, perform other wonder-working services. You can use gas as well for heating, cooking and refrigeration. The smooth functioning of all this electrical equipment depends on correctly planned and installed wiring. It permits no overloaded circuits or insufficient power lines. You need a proper number of service conductors, enough branch circuits of adequate size to satisfy equipment and lighting needs. Lighting offers many new ideas for your house now and is more useful and adaptable. It is also better suited to eye health; it provides direct light for special needs in kitchen, laundry, bath, bedroom, study and also general light throughout the house.



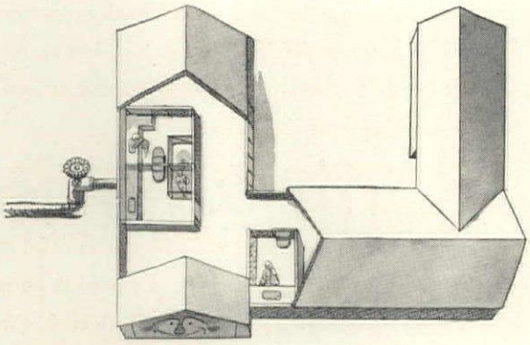
August: Give it easy-upkeep finishes

WEAR and tear, dust and dirt usually give walls and floors a sound drubbing. If their maintenance is a millstone around your neck, investigate some of the new materials. They can make your house considerably more comfortable because of their easy upkeep and their serviceability. They make it brighter too. Ready-made wall materials are of plywood, wallboard, wood, glass, plastic, wood veneers and fabric. They are made in room-size panels, in boards, tiles, wide sheets and rolls to fit various types of rooms. Many can be damp-cloth wiped, are waterproof, free of joints or other trouble making, dust-collecting features. Some are fire resistant, others have sound-proofing or insulating qualities. Most are made in a wide range of colors.

Flooring is equally talented. Some products are dent-proof, non-slippery, non-inflammable, resistant to fire, grease and cleaners. Resilient materials, manufactured in tiles or in rolls, include rubber, linoleum, plastic and asphalt tile produced in an infinite number of flat or marbleized colors and cork which has its own natural tone. Wood flooring is also packaged in blocks or in strip form. Masonry materials such as slate, flagstone, marble, brick and tile are in new favor not only because they are easily mopped but because house heating coils used under them in new houses make them pleasantly warm instead of chilly under your feet.

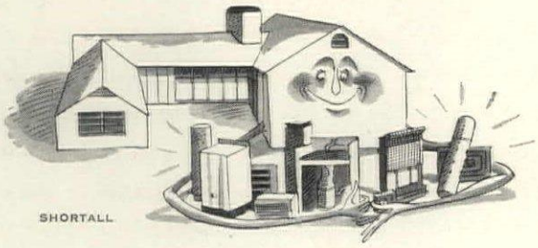
September: Heat it with maximum effectiveness

HOW comfortable your house is in winter depends, not surprisingly, on heating. Ideally, heating creates an agreeable climate for you inside your walls while temperature drops and winds blow outside. How ideal this climate will be depends on a number of factors. One is the design and construction of the house. Are walls, roof and windows well insulated? Does it have southside windows to take advantage of sun heat? Is it protected on the cold north side, etc., etc.? Another factor in your comfort is the *quality* of heating or air conditioning produced. Does it provide a gentle circulation of pleasantly warm, fresh, clean air? Does it warm walls, ceilings, floors so they don't chill you? A third factor is the heating machinery itself—the fuel, burner, stoker, boiler or furnace that creates heat; the ducts, pipes, coils, baseboards, registers, radiators or convectors that distribute it; the controls that regulate it. Is this machinery well planned in relation to the construction, layout and heat loss of the house? Is it well installed? Does it work automatically? Is it controlled to suit the different heating requirements of different parts of the house at various times of day and night? Does it adjust to outside changes quickly so your house isn't hot when temperature suddenly rises outdoors or cold when it suddenly drops? All these factors enter into truly effective heating of a house.



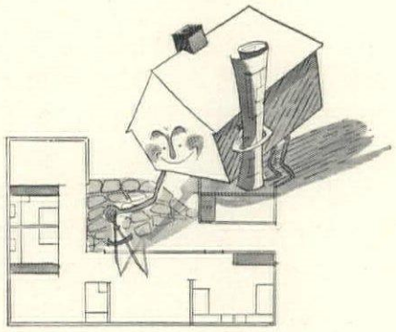
October: Equip it with better bathrooms

THE bathroom ought to be one of the most comfortable rooms in the house. Bathing, shaving, dressing can be pleasantly self-indulgent operations aided by good light, agreeable warmth, adequate storage and no one rattling the door knob. Fine fixtures are made by manufacturers now and excellent dressing table-lavatory units have been introduced. What is lacking in most bathrooms is the thoughtful and ingenious planning new kitchens get. Here are some (among many) features that would add to bathroom comfort: 1. Division of the room into compartments to increase its usefulness and end hall queues; this need not sacrifice privacy. 2. Heat coils beneath floor or tub (or a warm flooring material) to take off the chill underfoot. 3. Storage space for towels, medicines, supplies that belong in the bath and larger, better-engineered medicine chests. 4. Sound proofing between bath and adjacent rooms and hall with acoustical wall and ceiling materials or closets which absorb noise. 5. A wall heater to supplement the house heating system—for use after bathing particularly. 6. Glareless light around the medicine chest for make-up and shaving; also brighter general illumination. 7. An exhaust fan for freshness and to prevent mirror-fogging humidity.



November: Use new work-saving devices

AMERICAN industry works constantly to devise new products for your house that give you more leisure, more pleasure, save work, wear and worry. Some are in the better mouse-trap category—improvements of existing products. Others are totally new in the convenience and comfort they provide. Though you shouldn't sacrifice good construction or adequate space to them in building. Many can save you money in the long run. Here are typical new devices: Screens that reflect the heat from your windows. Water softeners that save pipes from corrosion, simplify laundry problems. A furnace unit that automatically cleans house air of dust and dirt. A control to open garage doors by pressing a button in your car. A communicating device that acts as a baby sitter when you are out of the house. Automatic controls that lower heat at night, raise it in the morning, adjust to outdoor temperature changes. Windows with self-storing screens that need not be removed or put up. A window that opens by pushing a button. A wiring system and switch that let you turn on the coffee from your bed. Coils to melt the snow in your driveway. Baseboards that provide the means of distributing heat evenly through your house. These and many more are available to you.



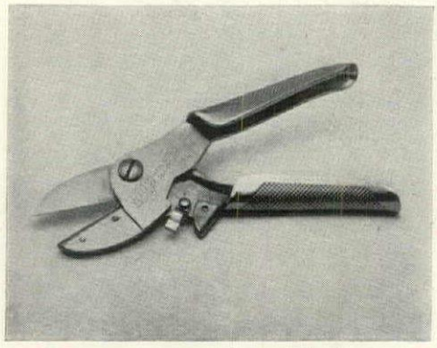
December: Plan house and site together

YOU won't get maximum comfort in a new house from good construction, materials and equipment alone. The design and planning of both house and site must also be good. You must start with selection of the best lot possible. That means one which will give you the comfort of a sunny south exposure and pleasant southeast breezes in your main rooms. Learn also if the lot will let you turn the house away from a cold north exposure and if it gives you some protection from northwest winter winds. This basic site planning must be plotted in conjunction with your need for privacy from neighbors and street, and enjoyment of any pleasant views. If you can't have an ideal lot, your architect should be able to combat the drawbacks you may encounter and make the most of the assets. Next, study the requirements a house plan must fulfill to make you comfortable. It must have good circulation. That means you should be able to get easily from room to room, from one part of the house to another, to the front and rear doors—preferably without going through other rooms. It must be completely livable. Your rooms must be well laid out for the routine of family living—for preparing food, for laundry and housework, for meals, sleeping, bathing, child raising. They should be equally useful for entertainment and recreation and adaptable to the diverse needs of children and adults. A plan that zones the service, sleeping and living space in three adjacent areas usually works best. Sufficient storage and wall space for furniture are indoor essentials; well placed terraces and porch, a good garden, garage and service area are important outdoors.

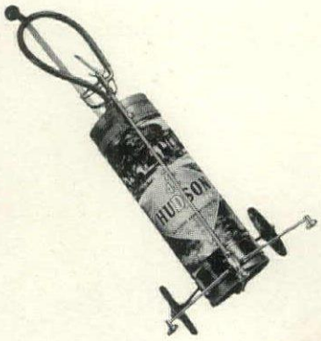
Tools that make gardening easier

Here are your basic needs for gardening on anything from a half acre to a farm estate, with a plan for storing everything compactly and efficiently

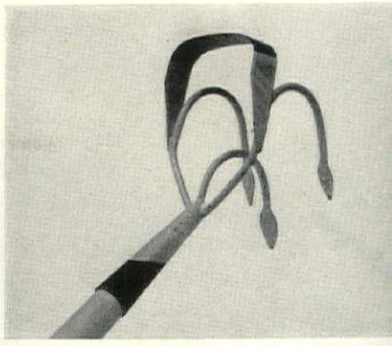
WHETHER you have a small or large garden, its efficient upkeep is dependent upon the organization of your garden workroom and its contents. On the opposite page we show you a practical plan for storing your basic garden needs. Its essentials are: a storage wall for long-handled tools, one for short-handled tools, a section for heavy or bulky equipment, a sit-down potting bench with all objects and ingredients pertaining thereto at hand. For an average garden in a semi-urban area you will want short-handled tools such as a trowel, fork, scratcher and hand clippers. Your long-handled implements will include at least one cultivator, regular hoe and scuffle hoe, rakes (one bamboo and one iron), turf edger, spade and spading fork, plus a lawn sprinkler. While some gardeners still prefer a hand lawn mower there are a number of excellent lightweight power mowers which take the backache out of this chore. To hang your hose, take a tip from practical farmers who punch a nail through a round tin can and attach it to the wall as a holder which won't damage plastic or rubber tubing. Under your work bench, partition a bin for the loam, sand and compost needed for your potting mixtures. You can add shelves to hold balanced, prepared plant foods, sprays and dusts. On both small and large properties, a dump cart is invaluable, also various-sized baskets. On farm estates (and for tennis courts) you'll need a roller; if you have hedges, an electric trimmer. In addition to these items, you may wish to have a seed and plant food spreader; a snow plow and other attachments for your power mower; a riding cultivator tractor. Base your choices on your own special needs, take proper care of these fine tools and they will do well by you.



HY-POWER pruning shear by Wiss has easy spring, non-crush action on twigs. $3 at Peter Henderson & Co., N. Y.

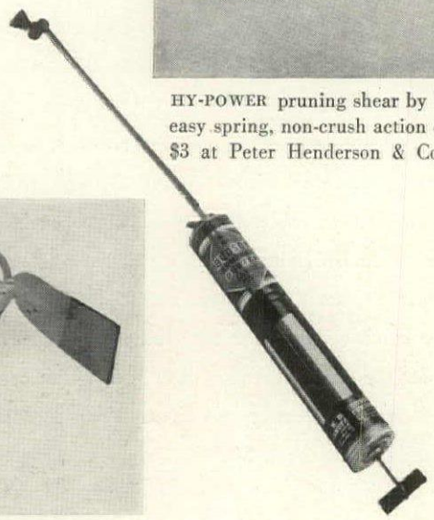


HUDSON Porta-Sprayer with 3½ gallon tank applies weed-killer mixtures, liquid plant foods. From Vaughan's Seed Store.

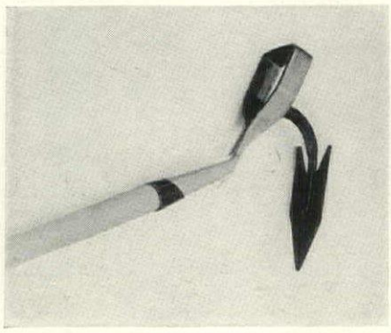


CULTIVATOR with weeder cutting edge does double work, $1.75. By Gardex at Vaughan's, New York.

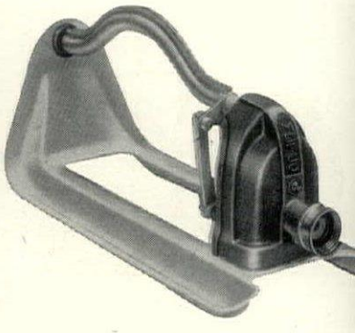
THREE-PRONG hoe-cultivator is basic for all gardens. Made by Gardex. Price $1.40, Vaughan's.



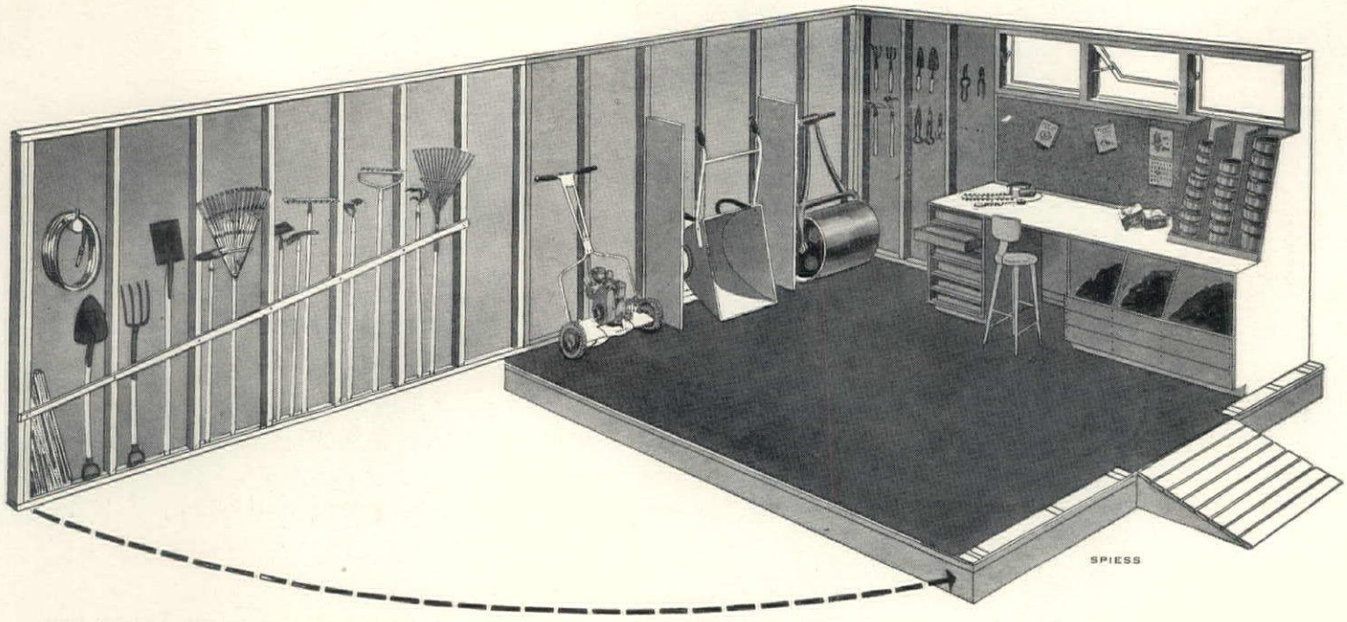
HUDSON hand duster with 1 qt. powder reservoir. Nozzle reaches under foliage. $1.75. Vaughan's, New York.



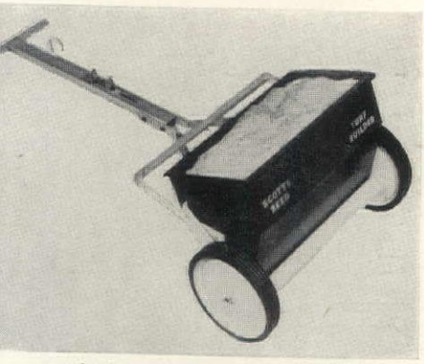
AERATOR-WEEDER by Gardex Tools has diamond point hoe, weeder blade. $1.60 from Vaughan's Seed Store.



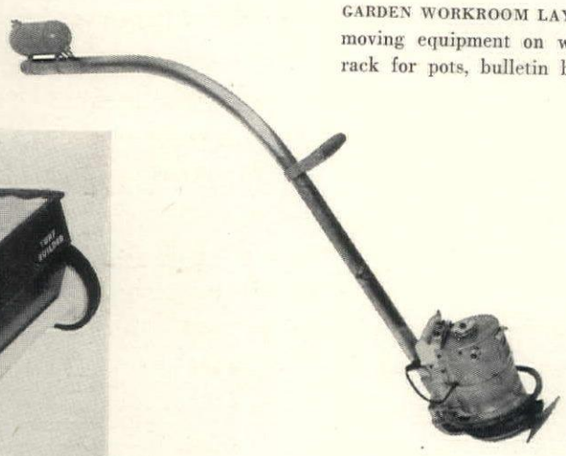
METCO'S Model J Wave Sprinkler covers 38′ x 45′. $9.95. Metallizing Engineering, Long Island City.



GARDEN WORKROOM LAYOUT showing third wall opened out. Ramp at entrance facilitates moving equipment on wheels. Potting bench has soil bins, file drawers for catalogs, rack for pots, bulletin board handy, good light from window above. Tools line walls.

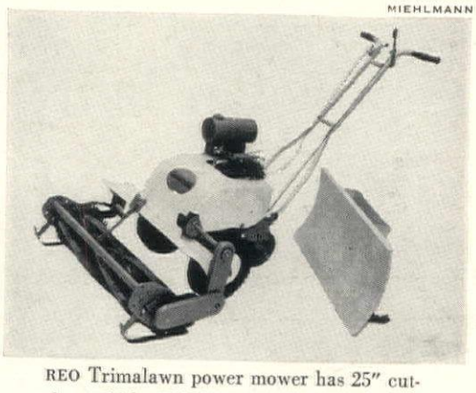


SCOTT'S Spreader No. 65 seeds, fertilizes with 24" swath. $19.50. O. M. Scott & Sons, Marysville, Ohio.

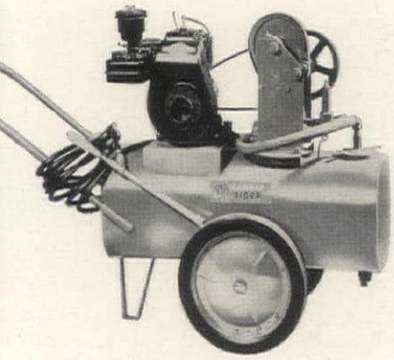


TRIM-MASTER SR. grass trimmer is cable-free, gasoline-powered, mobile. $179.50. From E. F. Britten & Co., Cranford, N. J.

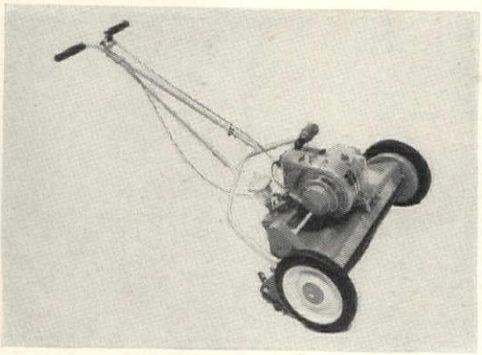
MIEHLMANN



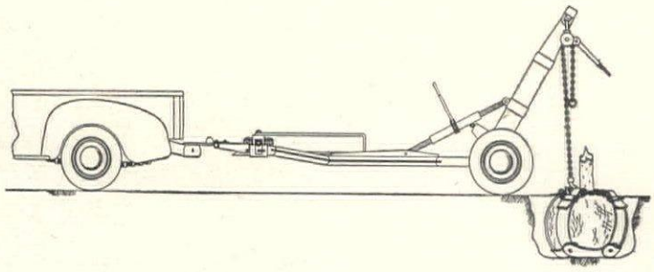
REO Trimalawn power mower has 25" cutting width, 1¾ hp. engine. $210. Snow plow $30. Reo Motors, Lansing, Mich.



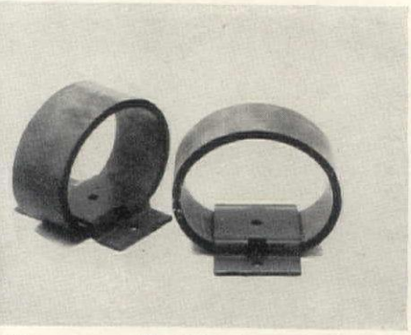
HARDIE TIGER sprayer is adapted to orchards, farm estates, field work. $194. Hardie Mfg. Co., Hudson, Mich.



JOHNSTON Lawn Patrol power mower eases your lawn care, saves labor. $120 f.o.b. Johnston Lawn Mower Corp., Ottumwa, Ia.

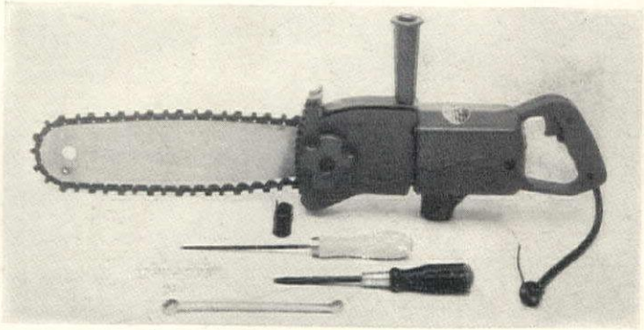


CONTINENTAL Tree Mover lifts, replants trees safely on new graded lawns. With hoist, sling. $985 f.o.b. Herman F. Beseler, Minneapolis.



"HANG-IT-ALL" will hitch your tools to any wall at correct height. Box of six $1. Vaughan's Seed Store, N. Y.

WATERBURY Rider tractor rides hills, adjusts to garden rows. $375. Waterbury Tool Div., Vickers Inc., Waterbury, Conn.



MALL'S electric Tree Saw trims by hand, reaches high branches by pole; will fell and limb 24" diameter trees. $95. Mall Tool Co., Chicago 19.

Prices approximate. Higher west of Mississippi.

HARRIS-WALTON
IMPROVISATION (J. G.) AT THE BANK STREET SCHOOL

Billion-dollar baby sitter

by ROWLAND BARBER

The child's record boom keeps youngsters, parents, manufacturers very, very happy

THE past four years have seen, in the U. S. A., one of the most remarkable growths of a simple business since the golden spike converted railroading from a cattle hazard to a continental empire. This phenomenon comes from a strange quadrant of the industrial chart: the field of the children's record. The product, in 1945 a stepchild of recording, is in 1950 one of the most profitable in the country. Five years ago a harassed parent, looking in desperation for an extra present for Junior, would have found little or no help in a record shop. There might have been a selection of Mother Goose, recited by oozy, condescending voices, a few condensed fiction classics, or watery digests of *The Nutcracker Suite* and *The Dance of the Hours*. Those were dim days for children. Those who showed early talent were rushed to the nearest music teacher, but millions of others, given up as hopelessly unmusical, never could look in on the bright world of rhythm and melody. Today is a different matter. Records offer young Americans a veritable pint-size pleasure dome. They also offer instant relief to the harassed parent. Any good record shop has on display row upon row of gay offerings for children, all neatly categorized according to age. There are records for playtime, records for naptime, records for sheer entertainment. The classics are still with us, but the dreary, patronizing voices have gone. In their place are hundreds of exciting narratives, set to music, of everything from *Three Blind Mice* to *Three Musketeers*.

"I can't tell you exactly how the boom started," an officer of RCA Victor said to me recently. "All I can tell you is that it began in 1946 and it's still going strong. Before the war we didn't dream of making money out of children's records. So naturally we didn't spend much money on them. We'd just stick some Singing Lady or Uncle Don character in front of a mike along with maybe a couple of unrehearsed musicians and cut a fast side. But today—today! Why, when we recorded *Cinderella* out on the Coast, with the original Disney cast, it took 40 people, including a script writer, to make the disc. Our sound engineers worked three full days just to get the mouse's voice right!"

The money spent on recording for children today is being steadily returned with profitable zeros appended. One independent operator thought nothing of putting out $300,000 for a fall advertising campaign. By Christmas he had sent out two and a half million promotional mailing pieces. There are some 75 different labels currently working the market and they are all in the black.

The boom has brought all kinds of talent to the recording microphone. Remember the patient dog with ear cocked into the horn of the old phonograph, alerted to His Master's Voice? Well, it has taken the kids to put life into him; today he can bark back. His name is Little Nipper, and he has become, along with his unfettered yip, official mascot to the new Victor children's series. Columbia Records, not to be outdone, has employed its Big Nipper in the shape of Arthur Godfrey. He has recorded *The Night Before Christmas* and the *Tubby the Tuba Song*, both certain to be best-sellers. Employment of such expensive talent (others signed up for juvenile discs have included Eleanor Roosevelt, Shirley Temple, Gene Kelly, Groucho Marx, Gene Autry, Burl Ives and Pee-Wee Reese) is evidence that the big corporations are playing the field for keeps. Two years ago children actually saved the recording industry. During that confusing period, full-grown Americans couldn't decide whether to buy records that went around 78, 45 or 33⅓ times a minute. There was a terrific slump in sales while Victor and Columbia locked horns over record (*Continued on page 104*)

Another beautiful home of West Coast Woods . . .

This attractive corner with its warmth and friendliness is another example of the many ways versatile West Coast Woods can add livability to home interiors, regardless of plan or style.

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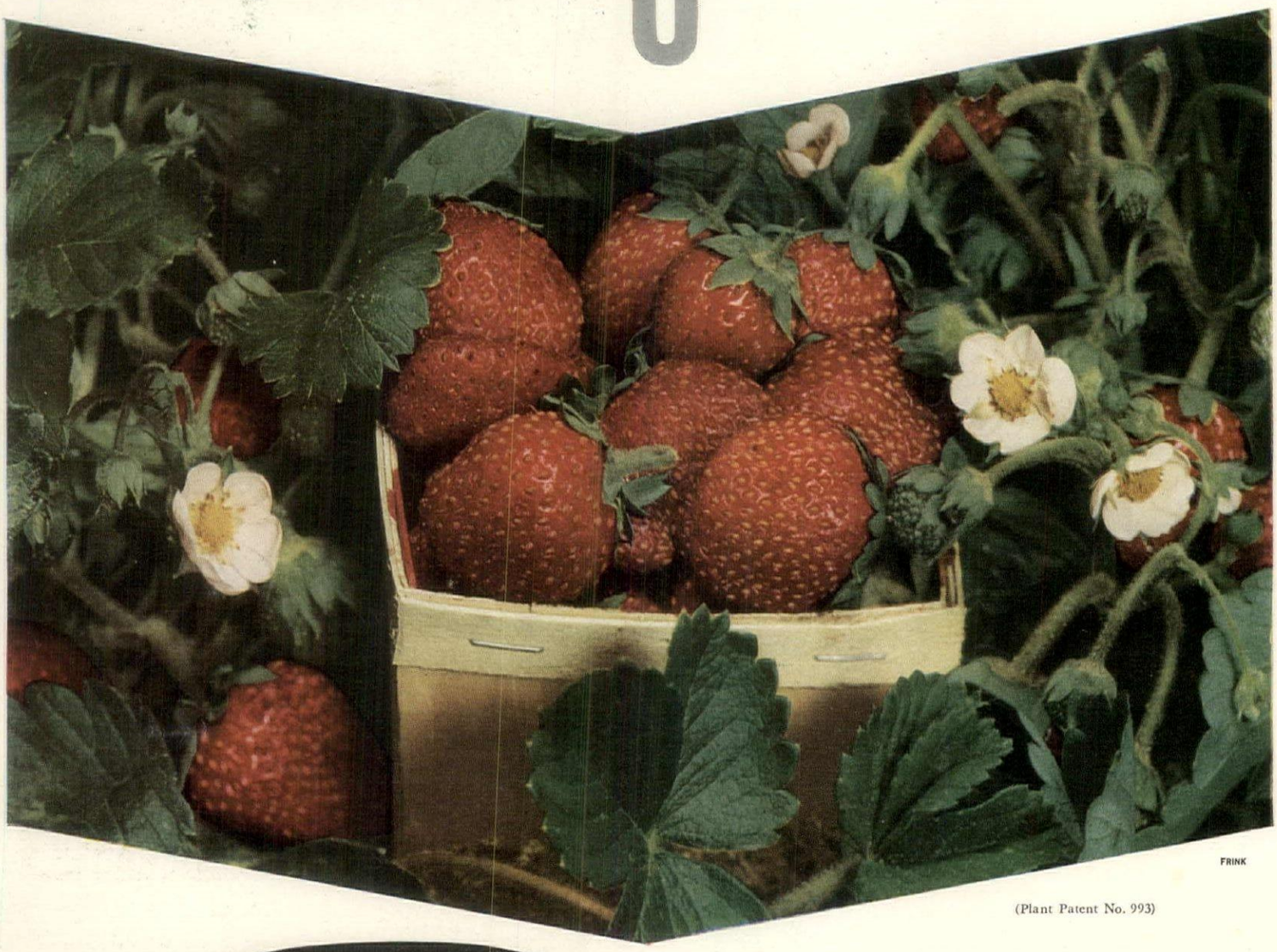
plant...pick...ENJOY Strawberries



(Plant Patent No. 993)

NEW red rich EVERBEARING

all through the summer and into the fall

The berry that's hard to believe . . . here today and here tomorrow too. RED RICH is an everbearer that will grace your table with dream desserts from June on through to Fall. RED RICH keeps on giving—giving you the biggest, reddest, sweetest berries you ever tasted. Perfect for deep freezing, RED RICH boasts an exceptionally high sugar content and a firm flesh texture that is red clear through to the core. It won't mush-up when thawed. A rugged plant with heavy foliage, RED RICH is the miracle result of 15,000 seedlings. And if you haven't room for a patch, put a Pyramid bed in your yard—grows gobs of strawberries in ⅓ the space. Plant RED RICH in your garden this Spring—remember, only a limited supply of plants available. Order now!

For Catalog, Prices and Pyramid Bed Information Write To Any of These Nationally Known Nurseries. . .

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BERRIES continued from page 42

PLANTING DISTANCES FOR BERRIES IN YOUR GARDEN

Plants	Between rows	Between plants in the row
Strawberries	3½ feet	1½-2 feet
Red raspberries	7-8 feet	2 feet
Black raspberries	8 feet	3-4 feet
Purple raspberries	8 feet	4 feet
Blackberries	8 feet	2 feet
Currants	6 feet	5 feet
Gooseberries	6 feet	5 feet
Blueberries	10 feet	5 feet

the plants. Clean cultivation to eliminate the grubs is desirable for at least a year before planting strawberries.

Prepare your soil thoroughly a year or two in advance unless a suitable piece of ground is available. If your land has been cultivated several years without the addition of organic matter, give it a heavy application of well-rotted manure, 20 tons or more to the acre, or have a heavy, well-fertilized sod turned under the previous fall. The following spring, the field should be disked and harrowed until in good condition. For small areas, you may use peat moss or compost in place of manure; mix well with soil.

Order your plants early, while the varieties you want are still available. Nurseries specializing in small fruits are better sources of stock than the general nurseries which feature ornamentals. Accept early delivery, if possible, as the cool weather of early spring permits the plants to arrive in better condition. One-year-old plants are best with most bush fruits, but for your blueberries you should purchase two-year plants. Two-year-old specimens of the brambles (or transplants as they are called) are not worth the extra cost. If you do plant them, do not allow them to fruit the first year as any fruit borne will be at the expense of the cane growth that will bear a year later.

As soon as the shipment arrives, open the parcel, remove the plants and heel them in, in a cool, moist place. Unwrap each bundle of plants so that in putting them in the trench the roots of each will be in contact with the soil.

Strawberries are usually grown in matted rows, that is, the mother plants produce many runners which take root and are placed to make a growth about 18 inches wide, with the plants about 6 inches apart. The red raspberries and blackberries produce many sucker plants and make hedge rows which should be kept about a foot in width with the canes about six inches apart. The other berries produce no suckers or runners.

Early planting is very important in getting the plants off to a quick start. Probably more new plantings of berries fail from late planting than any other cause. You may set strawberries with a trowel to make the opening in which you insert the plant. For the brambles, make the opening with a spade. After you pull the spade out, step heavily on the soil close to the plant to firm it tightly against the roots. Mixing wet peat moss with an equal amount of the soil around the roots of the blueberry at planting time is a good practice. Cut back raspberry and blackberry canes to eight or 10 inches when you plant them and remove the flower buds as they appear. Cut back currants, gooseberries and blueberries. Do not apply commercial plant food at planting time as newly-set plants are easily injured unless you use it with great discretion, keeping it entirely away from plant roots and stems.

Summer care amounts mostly to eliminating weed competition. Be sure your cultivating is shallow but sufficient to control the weeds. After the plants are well started you may mulch them with any suitable material you have on hand. For the blueberries, which like it acid, sawdust is an excellent mulch. Any age of sawdust from any kind of wood will do. If you use sawdust mulches, you must also add an especially good supply of nitrogen to your soil.

The strawberries need special attention as the summer advances. Pick off the flowers as they appear in order to prevent fruiting the first season. In fertile soils, far more runner plants are produced than are needed. Space the earlier runners six inches apart in a row 18 inches wide, and remove all late runners to prevent over-crowding of the fruiting row.

Everbearing strawberries fruit much better if you mulch them with sawdust or straw than if you cultivate around them. Apply an inch thick a few weeks after planting. Pull out by hand the few weeds that come through.

After the first year, do not cultivate bramble plantings after August 1. At this time sow a cover crop of buckwheat, oats, rye or some other quick-growing plants or allow the weeds to grow. This competition checks the late summer growth of the brambles so that they are less susceptible to winter killing during the cold months.

Definite commercial plant food recommendations are difficult to make as soils vary greatly. Generally speaking, stable manure is most useful as a source of both food and organic matter for berries, and supplementary chemical compounds will not be needed where it is used. Fertile soils well supplied with organic matter from other sources may not need additional chemical feeding. Less fertile soils, however, will be most apt to need nitrogen, which may be obtained by using ammonium nitrate, sulfate of ammonia or nitrate of soda. Sulfate of ammonia is best for blueberries as it has an acid reaction. In the small garden, the complete, balanced plant food that is used for vegetables and flowers will be suitable for the berries.

Apply the plant foods to the brambles in the spring for best results. Give your strawberry bed a nitrogen feeding in August at the rate of one pound of nitrate of soda or one-half pound of ammonium nitrate to 100 square feet.

(Continued on page 88)

GERMAIN'S SENSATIONAL

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GIANT FLOWERING CAMELLIA TYPE BEGONIAS—Loveliest of all shade loving plants—also ideal indoor pot plant. One each Red, Rose, Yellow, Pink, White plus 1 new Hanging Basket Begonia. ☐ 6 Bulbs, Only $1

PINK CALLA LILIES—Most exquisite & rare of all Calla Lilies. Dainty flowers 2 to 2½ in. across of orchid pink shade. Wonderful pot plant. Amazing low price. ☐ 6 Bulbs, Only $1

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RAINBOW GLADIOLUS—For huge gorgeous blooms this summer in a riot of favorite colors, 5 each Red, Yellow, Pink, Lavender, White plus 1 special Novelty Bulb. ☐ 26 Bulbs, Only $1

TIGRIDIA—("Big Shell Tigerflower") Splendid strain of this showy garden plant. The curious three-petaled flowers are very large and wonderfully marked. ☐ 10 Bulbs, Only $1

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CACTUS PLANTS—Long lasting, easy to grow. Ideal for indoor dishes. ☐ Group of 3, all different, Only $1

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"SWEET-SCENTED GLADIOLUS"—(Acidentherа Murilae)—Tall spikes of gladiolus-like flowers, white with magenta rose throat. New! Striking and very fragrant. ☐ 10 Bulbs, Only $1

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ANY 3 $1 SPECIALS, only $ 2.75
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The outstanding Rose Creation and Top Hybrid Tea Rose Winner in the All America Selections in 1950. Long tapering fiery salmon buds slowly open to large perfect, high centered blooms, often 5 to 6 inches across of brilliant, clear salmon pink with a beautiful golden sheen in the heart and at the reverse of the petals. Heavily branched bushes, wonderful cutting stems, abundance of blooms, and the rich tantalizing fragrance of the true tea-scented rose make Mission Bells a favorite of rose lovers everywhere. ☐ $2 each ☐ 3 for $5

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A gorgeous All America Rose Winner excelling in vigor of growth and beauty of color. Beautiful long tapered buds of bright cherry-red open to immense long lasting fragrant blooms of clear sparkling rose-pink, borne on long strong stems. ☐ $2 each ☐ 3 for $5

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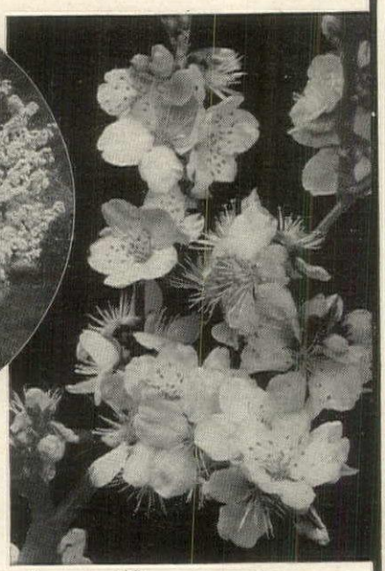
Crimson Brilliant, one of the many lovely flowering trees in our catalog. It is the deepest, pure red crab in existence. This dazzling new variety has exquisite, semi-double flowers of bright crimson. Hardy as an oak, grows anywhere. Maximum height 15'.



Japanese Cherry, AKEBONO

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30 MENTOR AVE. MENTOR, OHIO

Wayside Gardens

BERRIES continued from page 87

It is best not to fertilize the fruiting bed in the spring of the bearing year.

Mulch your strawberry bed during the winter with marsh hay, straw or a similar material, to protect the crowns from severe cold and from January thaws. Apply the mulch three or four inches deep before temperatures drop below 20° above zero. In the spring, pull off part of this mulch around the plants but leave it in the space between the rows and under the outer foliage where it checks weeds, conserves moisture and keeps the berries clean.

When you prune the brambles, remove the fruiting canes after you have harvested the crop. The following spring, cut back the red raspberry canes one-fourth of their length and remove the weaker ones. With black and purple raspberries, nip off the new shoots knee high in June to make them branch, and the following spring cut back the branches to eight inches for the black varieties, and 10 to 12 inches for the purple sorts.

Thin out currants and gooseberries, leaving about nine canes to a plant equally distributed between one-, two- and three-year-old wood. Blueberries must also be thinned each year by removing the weaker wood; you may do this by cutting out dense clusters of weak twigs back to strong side shoots. Occasionally a weak cane should be removed entirely so that it will be replaced by a new shoot. Remove sucker growth each year.

If you follow these basic simple procedures in caring for your small fruits, you will be rewarded with a fine crop for the table, for freezing and other ways of preserving.

The varieties you choose will have much to do with the success of your fruit garden. The highest quality fruits are often not available in the market because of certain limitations that make them less profitable to the commercial grower. You, as planter, should select your varieties rather than the nurseryman, basing your choice on dessert quality, suitability for freezing, canning and other culinary uses. Reliability of cropping, season of ripening, resistance to diseases, insects and winter temperatures are variety characteristics that contribute to the success of the home planting.

Strawberries are deservedly first choice among the fruits for your garden, and bear for three weeks in June. Fairfax, Fairpeake, Dorsett and Suwannee are best of all in dessert quality. Temple and Sparkle are good, the latter being better for freezing. For preserving, Culver and Blakemore are superior. Other good and reliable varieties are: Howard (Premier), Catskill and Fairland. West Coast gardeners prefer Marshall, long a standard of quality; while Blakemore in the Middle South and Klonmore in the Gulf Coast Region are standard sorts. Gem, Superfection and Rockhill are standard everbearers, but they are usually less satisfactory than the one-crop varieties.

Red Rich is a new everbearing strawberry which is considered the best to date by the fruit specialists of the Minnesota Agricultural Experiment Station. It is the result of a cross between the everbearer Wayzata and the June-bearing Fairfax, the work of Minnesotan hybridizer Marion Hagerstrom. It has the honey-sweet quality of Wayzata, the large fruit and foliage, the firm dark red flesh all through of Fairfax. It is a fine dessert berry, excellent for freezing and processing and, because of its strong growth, is resistant to disease. A high yielder, the second crop begins to appear in August and in the Mid-West continues well into October.

Raspberries begin ripening as the strawberries are finishing and provide fruit through July. You will find the red varieties easier to grow than the black but the latter have a richness of flavor that makes them first choice in the kitchen. September, a new very early variety, starts the season, and 10 or 12 days later Milton takes over. After a few weeks rest, September returns to the scene with a fall crop on the tips of the new canes that starts ripening about September 1 in central New York State, and earlier southward. September is much superior to Indian Summer. The fall crop continues until mid-October or until a hard frost occurs. September was selected and named last year by the New York Agricultural Experiment Station. The berries are of medium size, firm, bright red and so far have not shown any tendency to crumble; the plants are vigorous growers, increase rapidly. At Geneva, New York, they are hardy and set plentifully. Good one-crop varieties are: Taylor, Newburgh and Latham, the latter being more reliable than flavorful. Milton and Williamette are best for freezing.

Bristol, Dundee and Cumberland are good black raspberry varieties that ripen with the red sorts. Sodus and Marion are the best purple varieties. Their tremendous crops of large, firm, tart berries make them the mainstay of the bramble family for the kitchen.

Blackberries, the most delicious of brambles, are difficult to secure true to name. Hedrick, a new sort introduced in 1950, is well worth trying. You will have to wait for Bailey, which ripens a week later, as only a few plants are as yet available. These varieties nearly bridge the gap between Milton raspberry and the fall crop of the new autumn raspberry, September.

Red currants and gooseberries are old favorites for jelly and jam. Both are, however, the host to the white pine blister rust fungus during one portion of its life cycle and therefore should not be planted within 900 feet of a stand of white pine. Red Lake is the best currant and Poorman the best red gooseberry.

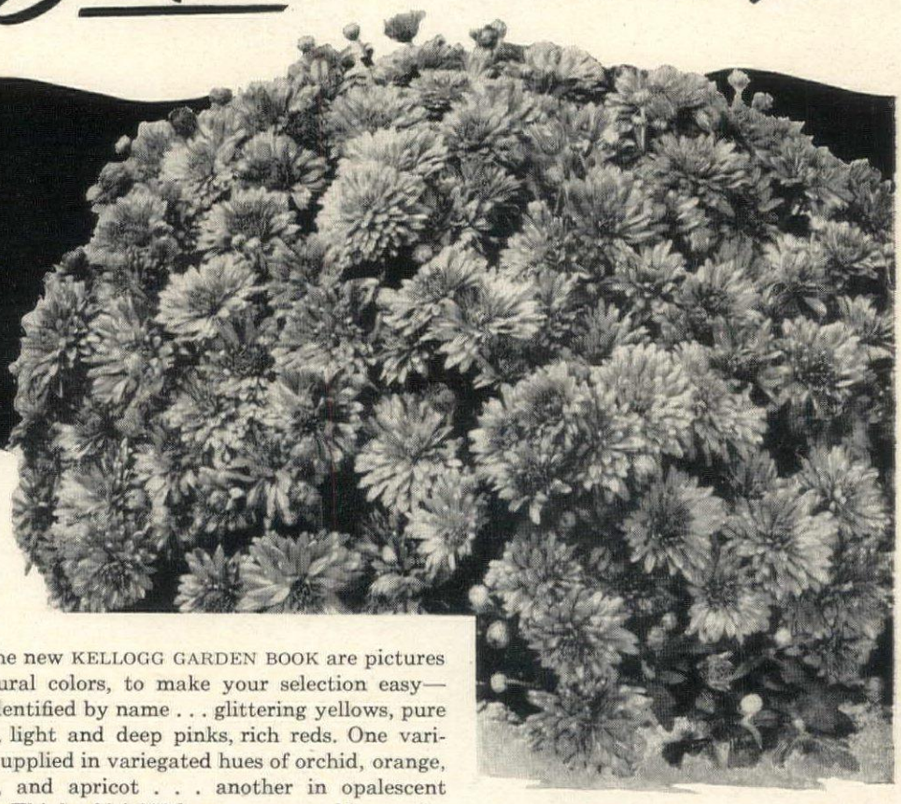
Your blueberries will ripen from late July through August. They last well on the bushes and you can keep them another week or 10 days in the refrigerator. Cover small plantings with netting or the birds will harvest the crop. Stanley, Concord and Dixi (largest of all) are best in quality. Pemberton, Jersey and Atlantic are more productive and good in quality. A bush or two of Rubel will provide the smaller berries that are best for muffins or pies. Berkeley and Coville are promising new very large sorts. The latter, named in honor of the late F. B.

(Continued on page 91)

New Blazing Red Wonder!

Kellogg's 600 BLOOM AZALEAMUM

(Trade Mark Reg. U.S. Pat- Off.)



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Now Offered for the First Time are: The Blazing Red, a true Azaleamum type with bright red blooms that hug the foliage and cover entire plant. Words cannot describe the magnificent flowering magic of this brand new variety. Also, the Raggedy Ann©, named after the lovable story book character, with pure celestial white flowers, delightfully informal in shape . . . an entirely *new* and *different* type of blossom which will delight all flower lovers. Kellogg's rare Azaleamum has *hundreds of exquisite blooms on a single plant.* A blanket of color, August 'til heavy frost. Fast growing, easy to grow, winter-hardy. *New patented* varieties bring you a wider choice than ever before . . . glorious new hues, charming new shapes . . . flowers of which you'll be proud.

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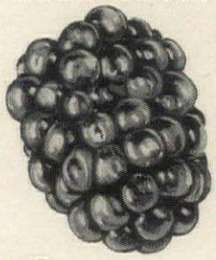
Extra-Sweet BLACKBERRY EBONY KING



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SMALL KINGDOM continued from page 44

KERTESZ

CHILDREN LIKE TO PLANT KOLORCOAT SEEDS, TINTED TO MATCH THE FLOWERS THAT THEY PRODUCE. AVAILABLE IN ZINNIAS, SWEET PEAS.

feet, fur and all, while those of the strawflower are attached to small white parachutes which an autumn breeze blows far and wide, a sight not to miss.

A child is keenly aware of the feel of things. When he likes something, the youngster immediately wants to handle it. Plants have one kind of feel in the sun at noon, another after a fresh rain. Young plants feel different from mature ones. And, of course, to the touch the foliage of each is different from that of its neighbor. How unlike the smooth sunflower leaf is the feathery marigold. Flowers also vary: the stiff-petaled zinnia bloom from the delicate petunia. This is a whole side of gardening to which a child is open and receptive. As you follow him, you, too, will make many new discoveries.

Garden planning becomes as fine a rainy-day project for the young as for the rest of us. Present your child with an armful of old seed catalogs. Assist him to draw a map of his proposed garden to scale on a piece of wrapping paper. Provide scissors, paste, paints and the excitement begins.

"What do you want this year, darling?" you ask. "Go ahead and pick the prettiest pictures."

What will he choose? A tomato of course—the back of every catalog is scarlet with them. Some zinnias; he may not know the names if he is very young but he learns rapidly as he cuts out the pictured blossoms. For hours he is happy as he pastes them on his paper garden more or less in the positions where he will later plant them.

These 17 annuals are among the sturdiest and easiest to grow and in addition each has something that especially recommends it to a child.

LOW-GROWING FLOWERS FOR BORDER AND FRONT OF BED

Alyssum: smells like new-mown hay, blooms in a hurry
Portulaca: opens wide-eyed in the early morning sun
Petunia: gay, gaudy colors, fragrance

MEDIUM HEIGHT

Cornflowers: bright furry blossoms, lovely to stroke
Calendula: can't keep it down, hardy, golden yellow, foolproof
Snapdragon: the jaws of each blossom snap open
Celosia: like tangled bits of wool spilled from the knitting bag and growing
Strawflower: lasts all winter, picked and dried
Arctotis: seeds furred like rabbit's foot. Flowers daisy-like, lovely

TALLER SORTS

Nicotiana: starry flowers especially fragrant at dusk
Marigold: pungent foliage, brilliant sunshine-gold flowers
Zinnias: brightest colors of all
Cosmos: feathery foliage, wonderful to feel
Moonflowers: white flowers open visibly at dusk
Blue morning-glories: vine grows fast, sometimes two inches a day
Borage: furry leaves and stems, sky-blue flowers to decorate family salads
Sunflowers: so huge they make a shade to sit under on a hot summer day; also the great heads of sun-ripened seed feed chickadees all winter.

A few perennials especially well behaved for the child's garden are given below. All form a good backbone, year after year, for the new and different annuals to sow each season.

Hollyhocks: pink, red, yellow, white; July; four to six feet
Balloon flower, *Platycodon:* blue, white; July; 18 inches
Phlox divaricata: lavender-blue; April-May; one foot
Columbine: blue, pink, white, red; June; 18 inches
Primroses: yellow, mahogany, blue; May; eight inches

A youngster always wants to mix a few vegetables in with the flowers in a happy confusion. And why not grow carrots among the calendulas? Carrot tops are beautiful. Why not tomatoes among the portulaca? Tomatoes are not only a pretty plant but the foliage has an incomparably fresh fragrance. It is because of, not in spite of, these

(*Continued on page 91*)

SMALL KINGDOM continued from page 90

less conventional ideas, that a child's garden always has charm.

When the design for the garden is pasted up settle on the location of the garden and mark out its shape and size. Let the child spread a layer of plant food, preferably manure, and turn the garden under to a depth of about a foot. The youngster can probably do this alone with a small amount of guidance—but if he is very young, or if it is a new garden and the sod must be removed, he will welcome grown-up assistance. The next step and one which the child can do easily, is to rake the area level. Now all is in readiness for planting.

The digging and preparing will be especially popular if some new miniature tools enter the scene. So before he begins, a trip to the hardware store is in order. A rake, a hoe, a shovel, a small scratcher and trowel—and of course a watering can. If a child has his own small tools, he will not need to borrow and mislay regular garden equipment. With a private corner of the tool house for these implements, he will be surprisingly neat about putting them away.

A bright new wheelbarrow is a great source of pleasure for the gardening child. With this he can move small seedlings, bring flowers to the house, carry off leaves and bring plant food. At six he finds it fun merely to wheel for the sake of wheeling. A sturdy pair of country overalls is also handy, practical and engaging.

After the garden is dug, the soil should be allowed to settle a few days. Then, when the whole spring earth warms and sends up its lush and growing smell, planting day is here.

A little more adult advice may be needed for seed sowing. Children are inclined to plant seeds too deep. No more than a quarter of an inch of soil should cover most seeds and the fine ones, petunias, *Nicotiana* and snapdragons want merely to be stirred into the earth's surface. However, do no more than advise, and perhaps demonstrate. Planting itself is one of the peak moments of the whole gardening project for a small boy or girl. Even a four-year-old can learn to sow seed properly and is thrilled by the process. For most seed, a small shallow furrow, made by hand in the newly-dug ground, suffices. Seeds may be scattered along this depression, and the soil folded over and pressed down by hand. A neatly marked label heading the row avoids confusion later on. All this procedure greatly delights a child.

It is a momentous occasion for your young son or daughter when the first small seedlings appear. Until plants have three or four leaves, they are dependent largely upon moisture and the new watering can gets plenty of exercise. Seedlings grow so furiously fast that sprinkling them becomes a thoroughly satisfying occupation; you can practically see them grow after each watering. If they have wilted a little on a hot day, you can actually watch them straighten up and feel the leaves stiffen again as the water fills the tissues.

When the young plants have four or five leaves, they can be thinned to stand three or four inches apart. At the time when you set your young tomato plants or divide seedlings in the large garden, the child is delighted to receive gifts for his. When you are staking the large garden, he must stake his small one. When you are spreading plant food, he wants to do the same.

As the child's garden blooms, diminutive bouquets begin to appear on your desk or dresser. The tomatoes raised by your son or daughter impart much the finest flavor of any to the family salad.

Giving a child a garden of his own also changes his feelings about plants elsewhere. He develops respect for your flowers, for all flowers and gardens everywhere. He retrieves his ball with care from your perennial border and is particular to walk *around* instead of *across* the new seed bed. Even visiting children quickly catch this attitude of respect and your garden thrives unmolested as never before.

The young plants are scarcely up out of the ground in the child's garden when wildlife begins to gather: the comfortable fat little toad guards the flower from pestiferous insects; a robin drinks from newly-sprinkled leaves. The first blossoms bring a ruby-throated hummingbird and a family of great furry-legged bumblebees. The more the garden grows, the more wildlife appears and settles. With flowers and fauna, the garden is complete; the small kingdom flourishes. Long live the king!

BERRIES continued from page 88

Coville, foremost hybridizer in the breeding of cultivated blueberries, is a sister of Dixi, mentioned above. In tests over the years it has been outstanding for its large size, high flavor, light blue color, good scar and late season, bearing as much as 10 days to two weeks longer than those presently grown. Berkeley is slightly larger even than Coville, as much as twice the size of Rubel. It is of a very light blue color with unusually firm berries. For further details on these two blueberries, write for Bulletin 747 of the New Jersey Agricultural Experiment Station at New Brunswick, New Jersey.

For sources of berried fruits write to House & Garden *Reader Service, 420 Lexington Avenue, New York 17, N. Y.*

TO OUR CONTRIBUTORS

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GOLDEN AFRICAN DAISY	.10
LARKSPUR SUPREME—*Mixed Colors*	.25
LUPINES—*Hartwegi Giants, Mixed Colors*	.15
MARIGOLD—*Flash*	.25
NEMESIA—*Triumph Hybrids*	.15
ZINNIA—*California Giants, Mixed*	.15
NICOTIANA (*Flowering Tobacco*) — *Daylight*	.25
PETUNIA—*Snowstorm*	.25
Total Catalog Value	$2.25

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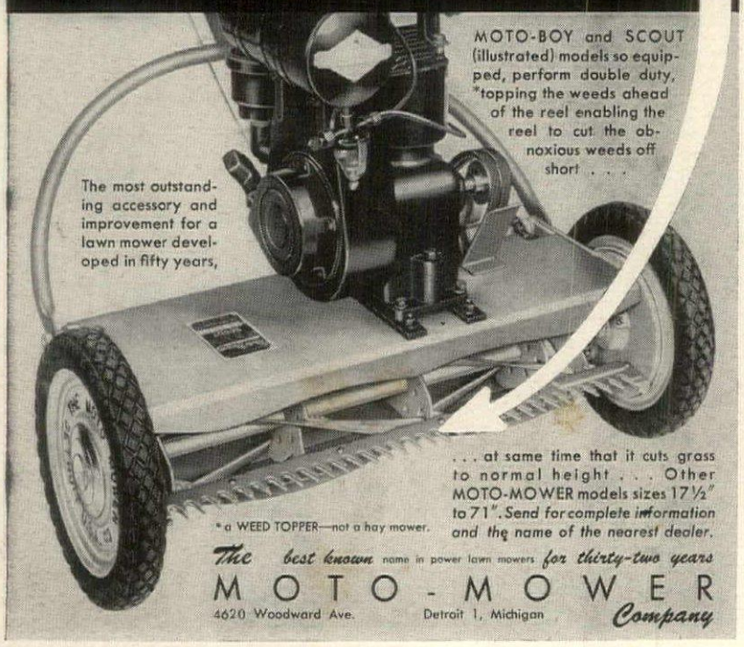

The best known name in power lawn mowers *for thirty-two years*
MOTO-MOWER *Company*
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VEGETABLES continued from page 46

as to size and shape. If the garden is near the house, it will be much easier to watch and care for.

Sunshine is most necessary for normal growth of vegetables. Flowers may grow fairly well with only a half day's sun, but all vegetable crops require almost a full day. Next summer, the sun will be almost directly overhead during the noon hours, so plan accordingly.

Good soil is very important. Most soils can be made productive by proper treatment. If grass, or even weeds grow fairly well, there is hope that your vegetables will do well, too.

Don't try to tackle too much at first. You are going to find it quite a chore to work in your garden when the weather is hot and the mosquitoes are out in force. There is nothing like a year's experience with a garden to determine your capabilities in caring for it and your household needs. In order not to become discouraged by your first attempt, I suggest that you make the garden about half the size you think you would like. From years of experience, I know only too well that garden-minded men should never plant more than their wives can take care of!

If you want a good garden, you must provide conditions conducive to normal plant growth. Theoretically these conditions include: (1) a generous amount of sunshine; (2) the right temperatures; (3) a continuous supply of water; (4) the proper soil reaction; (5) sufficient food of the right kinds; and (6) good care. The first two you will have little to do with, so concentrate on the others.

WATER. Each year I garden I become more convinced of the necessity of having plenty of water on tap when required. I live near Boston where the weather is described as humid, or having sufficient rainfall to supply all the water plants need. However, in my 35 years of vegetable gardening, there has been only one season when nature provided a continuous supply of this most important element. Every summer there have been at least two spells when it was necessary to supplement the rainfall to avoid complete failure of certain crops. If it is possible, you should have a water outlet near the garden for handy use of hose and sprinkler. Better yet, install a permanent sprinkler system. It will be an investment you will never regret.

PROPER SOIL REACTION. The acidity of the soil is very important. For most cultivated vegetables and flowers, it should be slightly acid: pH 6.0 to 6.4. Too much lime is worse than not enough, so check before you apply lime or wood ashes (which are of most value for the lime they contain). Have your soil tested. Your seedsman or State University can tell you how to get this done. Or get a soil test kit yourself. Spread half the lime on the soil before turning it over and half before you plant.

PLANT FOOD. Here are my usual recommendations: if barnyard manure is available, there is nothing better. It makes little difference whether it is fresh or well-rotted. Spread up to a cord per 1,000 sq. ft. Then spread over it 50 pounds of superphosphate to each cord. Turn these under to a depth of 8 inches covering the manure and sod as completely as possible with loose soil. Into this top layer, mix 20 to 40 pounds per 1,000 square feet of a complete chemical plant food, the quantity depending on how much manure you have used. If no barnyard manure is available, you can substitute either bone meal or dehydrated manure. Spread about 40 pounds of either one together with 40 pounds of the complete chemical plant food per 1,000 sq. ft. and work them thoroughly into the top two or three inches of soil with rake or harrow. Don't forget to apply the lime as suggested above, half before turning the soil over and half afterwards. If this is turned under or mixed in with the soil immediately after spreading, there will be no danger of burning by mixing lime and chemical plant foods. Nor do you have to wait between applications. All the operations described can be done the same hour, including planting seeds or setting plants.

GOOD CARE. This includes frequent cultivation or generous use of mulches; thinning where necessary before the plants crowd; applying poisons before the pests do much damage. An ounce of prevention consists of finding out from your State University when to expect trouble and how to provide the ounce of prevention. Where space is limited, choose the following crops: tomatoes, beans, chard, carrots, beets, salad greens, broccoli and onions. If you have room include also: cabbage, summer squash, peas, sweet corn, etc.

TOMATOES are easy to grow, productive and good for you. Grow them for eating fresh and canning. Plants should be purchased unless you have special equipment in the way of a greenhouse, cold frame or hot bed. For earlier, cleaner and firmer fruit, train your plants on some sort of a support. They will require timely pruning and tying. Set the plants in the garden as soon as danger from frost is over. For ordinary bush or flat culture, they should be set about three feet apart in rows four feet apart. If staked, the plants can be set as close as two by three feet. Staked tomatoes will stand heavy feeding. When grown flat, they will produce less foliage and more fruit if the soil is not too rich. A mulch of two or three inches of grass clippings, compost, peat or manure mixed with straw or shavings, old hay or some similar material will be beneficial.

SNAP BEANS are a close second to tomatoes in value. Quick to mature, comparatively small plantings should be made at three-week or monthly intervals. In my garden, I plant successive single rows about the first of May, June, July and August, thus providing a fairly even supply of tender beans right through the season. And don't think that you must plant a full row of beans, or of any other crop, for that matter. If a full row produces more than you can use at one time, you lose part of the crop plus the space which might have been used for another vegetable.

CHARD is the easiest green to grow in your garden. A row 10 to 15 feet long should supply the average family twice a week from July 1st to the first hard freeze. Plant early, thin the

(*Continued on page 93*)

VEGETABLES continued from page 92

plants to three inches apart in the row and at no time allow any of the leaves to grow more than a foot tall. Either use them before that time or pull them off and dispose of them. Be careful not to injure the growing point of the plants when breaking or cutting the individual leaves.

CARROTS and BEETS require about the same care. Plant the seeds early and thin the plants to about two inches apart. If you like beet greens put off thinning until the leaves are six to eight inches tall. For tender roots, make at least three sowings of each at about six-week intervals.

SALAD GREENS are not too easy to grow. They grow so fast they are good for only a short time. Lettuce prefers cool, moist growing conditions so usually does well early. For best results, set some plants early, not more than a dozen. At the same time sow seed using White Boston or Great Lakes. After the middle of May, when warm weather can be expected, sow Slobolt or Oak Leaf seed every two or three weeks into August. Remember to make small plantings, 10 to 15 feet or less. In my household we have found kale and mustard excellent for salads. Starting very early I sow about three feet of row of each every six weeks through August. The tender leaves which keep coming are used alone like lettuce or in a tossed green salad to which they give a wonderful dark green color and distinctive flavor. Just a few plants of parsley will also be worth while for occasional salad or garnish use. You might also like to try fresh chard or spinach leaves in your salad for color.

BROCCOLI will usually provide buds throughout the summer if handled right. Set a dozen plants in the early spring. Each one should produce a good-sized center cluster. After these are cut, the side shoots should continue to produce small buds until the ground freezes. If you allow any buds to blossom, be sure to cut them off immediately. Broccoli will occupy considerable room, so set plants about two feet apart in rows three feet apart.

ONIONS are fairly easy to grow from either sets or plants. I do not advise sowing seed unless you know they will do well. Plant early, as onions are very hardy. Order plants of the Sweet Spanish variety, Utah strain, if possible, and set them about two inches apart in rows 12 inches apart. I find them very easy to grow and excellent eating. They grow two to four inches in diameter and keep well through the winter. Use 5% DDT dust frequently to keep the thrips under control.

CABBAGE can be grown throughout the season. I prefer the high quality Green Acre variety at all times. I grow my own plants by sowing about 18 inches of row of seed every four weeks. This provides me with six to eight good plants which are all I want at one time. I transplant these to an empty spot in the garden when they are six inches tall. In general, you should keep your whole garden working as long as possible by cleaning out sections of rows as soon as a crop is harvested or gone by, and sowing a succession crop.

SUMMER SQUASH should also be planted twice for best quality. I sow a hill when danger from frost is over and another six weeks or so later. These provide three or four squash a week through the season.

PEAS must have cool weather in which to grow and mature. I have found the idea of succession planting of peas a fallacy as far as my garden is concerned. The only planting that does well for me is the earliest. You can plant several varieties for a longer eating season. Provide a support for varieties described by the catalog as more than 20 inches in length.

SWEET CORN must be fresh to be really good. I make three plantings of three high quality varieties about May 1st, June 1st and July 1st. Sugar and Gold for early, Old Fashioned Golden Bantam for midseason and Goldencross Bantam for late.

Editor's note: *For the list of All-America Selections New Vegetable variety winners for 1951 see below. You might wish to try some of these in place of the older varieties.*

All-America Selections

Why not grow one or more of these vegetable and fruit winners for 1951?

THE top Gold Medal vegetable of the year is a new hybrid sweet corn named Iochief, of the same season as Goldencross Bantam, but higher in yield. The ears are eight to nine inches long, with 16 to 20 rows of juicy kernels. Two honorable mentions in hybrid sweet corns went to Big Mo and Golden State, varieties probably of more interest to the farm grower. Two medals awarded as sectional recommendations for northern states were a Gold Medal for the watermelon, New Hampshire Midget and a Bronze Medal for the cantaloupe Granite State. Surecrop Hybrid cucumber received a Bronze Medal, was considered a good variety, of great vigor and resistant to disease; some judges considered it very similar to Burpee Hybrid, with the same fine qualities. Honorable Mentions were awarded to a curled, long-standing mustard prize-winner; to a tomato named Urbana; to a large-headed, mid-season hybrid cabbage, O-S Cross, of the Succession type, especially suitable for farmers.

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Five different hardy, evergreen, flowering shrubs: **R. catawbiense** (purple, June); **R. carolinianum** (pink, May); **R. maximum** (white, July. Likes shade); **Mt. Laurel** (Kalmia) pink-white, May; **Leucothoe** (Andromeda) white, April.

Size: 12-15 inch, 1 stem plants

2 each kind, 10 plants $8.75 postpaid.
5 each, 25 plants $16 express not paid.
25 each, 125 plants $56. Express about $9.00.

Size: 12-15 inch, 4-6 stem clumps B&B

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5 plants any one kind $7.25 postpaid.
5 each kind, 25 plants $29 express not paid (about $4 on arrival).

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New Gable varieties, dwarf, showy: **Boudoir** (pink), **Charlotte** (lavender, red spots), **Chinook** (flame red), **Claret** (bronze-red), **Corsage** (orchid), **Herbert** (crimson), **Rose Greely** (white), **Royalty** (bright purple).

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5 of any one kind for $9 postpaid.
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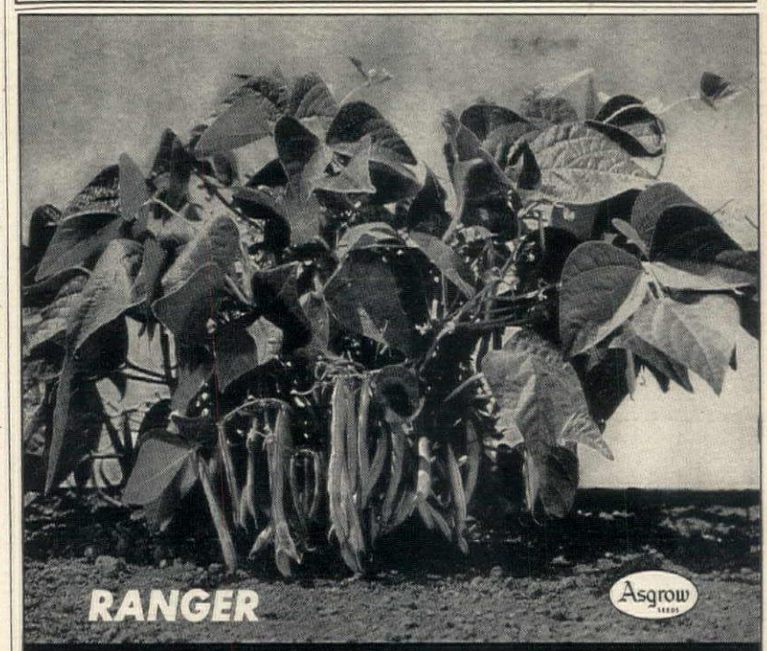

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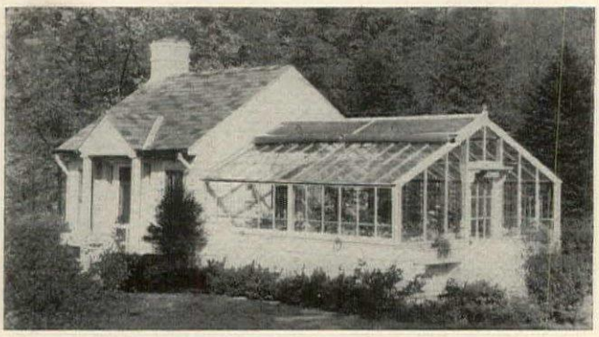

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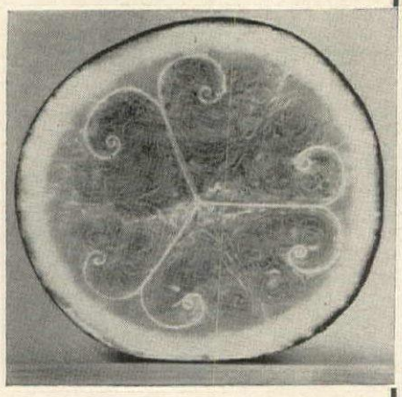

Grow a Nursery Planting of Miracle Blue Grass 27

A single plant of this superior Kentucky Blue Grass was found growing on a golf course near Philadelphia. It was green and vigorous when all the ordinary blue grass around it was brown and feeble. This plant was saved and propagated. Samples of it sent all over the country for testing—everywhere with superior results. With one ounce of seed you can start converting your lawn to this most-talked-about new grass in decades. Sow in rows, let it bear and scatter seeds. Soon you can start a new lawn with sod. There isn't much of this new seed in existence. We offer 1 ounce, 144,000 seeds, for 50c prepaid. Limit 8 ounces to a customer.

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ANNUALS continued from page 38

have thick, sturdy spikes, and individual flowers that measure as wide as one and a half inches.

Zinnia is always a favorite. This year the California Giant and Luther Burbank have a new competitor in the dazzling Peppermint Stick, developed from older varieties which were basically red. This flower is in the full range of zinnia colors. Each color, however, is shot through with red flecks running lengthwise on the petals. The red variant is flecked with white. Peppermint Stick has a spherical bloom. The plants are robust in their growth, attaining a good height and, if the top buds are pinched off when they appear, they will throw many lateral flower stems and give the gardener continuous bouquets over a long blooming season. Zinnia Riverside Beauty is a selected strain in soft pastel shades of clear rose, tawny rose, azalea pinks and coral pinks with attractive frilled and slightly twisted petals. It grows sturdily, is similar in habit to the excellent brilliant-toned Zinnia Floradale Scarlet introduced last year. The new zinnia Burpee Hybrid has yellow, rose, red and other typical hues with many intermediate shades that are soft and clear. The plants grow quickly and bloom within two months of sowing, a valuable trait for the cutting garden as well as the decorative annual border.

Marigold Glitters, the All-America Selections' Bronze Medal winner, is a chrysanthemum-flowering type, growing about 30 inches tall, with an average flower as much as three and a half inches in diameter. Because of its height, its place is in the back of the border. The plants are very floriferous and start to bloom early, continuing throughout the summer. The stems are strong and firm, hold well against storms, and are excellent for cutting. However, to be assured against injury, it is wise to give them at least one stake apiece for support.

Linaria Northern Lights is a miniature snapdragon-like flower approximately 15 inches high which was developed from *Linaria maroccana*. Quick-growing, it is excellent for cutting. Northern Lights presents an almost endless array of snapdragon colors, many not seen before in *Linaria*. Warm reds, yellows and strong lavenders, soft yet brilliant pinks give an effect as spectacular as its name. Used as a border for your snapdragon bed or in a bed of its own, this lovely flower will delight you.

Petunias are one of the most rewarding annuals. There have been so many developments in this versatile plant that it would seem the limit had been reached. But not yet, for we have two especially fine new ones this year. Belle of Ireland, demure and dainty, is compact in growth, vigorous in bloom and sun-loving. Completely ruffled, its three and a half-inch flowers have a wide color range. Pink, white, magenta, cerise, creamy yellow, purple, each has a delicate frilled edging of pale green. The buds appear as almost double. Deep-throated, with splotches of color on their petals and veined in contrasting color, these flowers will surprise even the most experienced gardener. A new California Giant petunia, Pink Shades, is a compact ruffled single with blossoms up to five inches across. Its colors, solid pinks and variegated pink and white, are clear and soft with deep throats finely lined. The frilled petals overlapping each other present a sturdy appearance. Both of these petunias are ideal for pot culture and highly decorative as cut flowers.

Dianthus winteri is this year's outstanding addition to those old favorites, the pinks. It is single with quite large flowers. The color range is one of the widest I have ever seen in an annual *Dianthus*. Blooms of heavy texture and long stem, each with a dark red center, are borne in profusion on compact plants. The foliage is graceful yet inconspicuous. An excellent cutting flower, it will be an addition to your old-fashioned border.

Tithonia Torch is this year's answer to many a gardener's wish: for this Mexican sunflower is a vest-pocket edition of the tall-growing *Tithonia* (usually over six feet), since it is only four feet high. Its qualities include sturdy growth, an abundance of bloom, resistance to heat and freedom from diseases and plant pests. Its four-inch, brilliant orange-scarlet flowers resemble single dahlias and, like its tall antecedents, the first blossom appears on the very top. Soon after, the whole plant is covered with bloom in all stages from tight buds to full open flowers. *Tithonia* Torch blooms in mid-July in Southern California and from August on in the eastern states. Its long blooming season, with practically no care, is one of its greatest recommendations. (See colored photograph, page 30.)

The Regal larkspur strain has some new additions this year. Regal, taller than Giant Imperial, has fuller spikes and larger florets. It is an excellent cutting variety. The color range is wide: lilac, salmon, rose, pink, white, blue. Its delicate foliage is profuse. Larkspur Giant Imperial Salmon Beauty is a new shade of deep pink, brighter and more on the orange side than Giant Imperial Los Angeles Improved. Upright in growth, of uniform habit, the plants bear a profusion of large, double flowers closely set on long tapering spikes. Their height makes them useful in the back of the border.

Lupine Pixies' Delight will please the gardener who wants a low-growing annual that will give him quantity as well as quality of bloom. It starts to flower freely a few weeks after seed is sown outdoors. Colors range through pink, rose, blue, lavender and white and bi-color combinations. Each spike bears many florets set among well-cut foliage. Its eight-inch height makes Pixies' Delight a gay little border plant, excellent for bedding work or pot culture. (See photograph, page 39.)

Ipomoea Blue Mound is an outstanding morning glory introduction for this spring. A bush-type, which neither crawls nor climbs, it is only three feet high. It forms a compact mound up to two feet in diameter and covers this with its pentagonal-shaped, five-petaled Heavenly Blue flowers. With its sturdy upright growth, it is a fine patio pot plant as well as ornamental in the garden. The foliage is a rich green texture. It has a long blooming season. *Ipomoea* Darling is another new morning glory

(*Continued on page 95*)

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ANNUALS

continued from page 94

of striking appearance. It has an abundance of foliage and three and a half-inch carnelian-red flowers whose color is intensified by pure white centers. Blossoms that stay open far into the day are borne from July till frost.

Cleome, or spider plant, is always useful in the background. Helen Campbell is a white version of Pink Queen. As it is a sport from the latter, it has the same growing habits, reaching a height of four feet. Foliage is light, airy and well branched. Many full heads of delightful white flowers bloom from mid-June to frost.

Several new annual asters have been developed this year; notable is Crown. The plant is of compact branching form, 18 to 24 inches high, and blooms profusely. Its center-crested flowers have long stems. The color range is unusual in that there are many two-tone varieties. Some whites have pink edging, some have purple. Solid colors include pinks, reds, blues, purples, cerise and scarlet, all with yellow centers. Cushioned like a scabiosa, these two-and-a-half to three-inch blooms make fine, long-lasting cut flowers. There are three additions to the Princess aster group: Princesses Elizabeth, white; Margaret, rose; Susan, deep blue. These almost complete the color range in this classification. The plants are of good height with excellent foliage. They flower freely with blossoms that are fully double and have a well-crested center with quilled petals that almost completely hide the flower's eye. They keep well as cut flowers. Another new aster is the Ballet Type in mixed colors. The plants, growing to about 18 inches, branch freely just above the ground. The heavily double, well-crested flowers are on long stems and in the full range of aster colors. Ballet Type is similar to Queen of The Market, having curled petals. It blooms early, is wilt resistant with an abundance of blossoms over a long season.

Sweet peas are also in the list of new annuals. Very Early Spencer is ruffled with large flowers bearing up to four florets on a single long stem. In color it ranges from rose, dark pink and light pink to blue. Its originator claims that it will bloom five to six weeks ahead of any other Spencer. The plants are sturdy. Sweet pea Mabel Gower, though not strictly new, is being emphasized this year because of its rich blue color. Introduced in England, the plants thrive also in our climates, are quite heavy producers of slightly ruffled flowers. Well formed with long sturdy stems, each develops three to four florets. Sweet pea Princess Elizabeth is a flame-salmon flower that was developed in England. It was the winner of the Sweepstakes award at the Chelsea Show in 1949. As it is of the late Spencer type, it probably should be planted so as to bloom by midsummer. Sweet pea Late Spencer Peggy is another award winner. It was entered in 1950 in the National Sweet Pea Society Trials in England after having won an award in Scotland. It is well ruffled; has huge flowers of delicate shades with up to four florets on a long stem.

For sources of these new annuals write House & Garden's Reader Service, New York.

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PERENNIALS continued from page 31

to the attention of the general public.

The *Achillea* Golden Plate shown on page 31 is an introduction from England. Most gardeners know the various white *Achilleas* and our common weedy milfoil with its rosy variety, but few are aware of the wild European yellow species. Now we have this improved strong yellow form with its large, plate-like flower clusters as much as 6" to 7" across, borne on stems 3½' to 4' tall. The feathery, deeply-cut foliage is a dark green. An excellent plant for the middle or back of the border, you may cut its blooms from June until frost. They are surprisingly long-lasting and you may also cure them for your winter bouquets. Grow *Achillea* Golden Plate in any general soil in a location where sun prevails for at least two-thirds of the day.

Centaurea dealbata steenbergi was discovered in a nursery list from Holland, brought to this country and grown in quantity. Its relation to dusty miller is noticeable in the coarsely-toothed, deeply-lobed leaves but the foliage is a real green, rather than gray; the flower color is decidedly rosier than the regular *C. dealbata*. Height, 18" to 24"; use in mid-border.

Mulleins are favorite plants in English gardens but little seen here. Two that should appeal to the American gardener for use where bold basal foliage and tall flower spikes are desired are *Verbascum* Cotswold Queen and *V. densiflorum* (*V. thapsiforme*). Cotswold Queen bears 3½' flower spikes of salmon-bronze shaded with soft lilac stamens, while *V. densiflorum* is somewhat deeper in color tones and grows slightly taller (to as much as 5'). (For illustration of this and other plants mentioned below, see pages 34-35.)

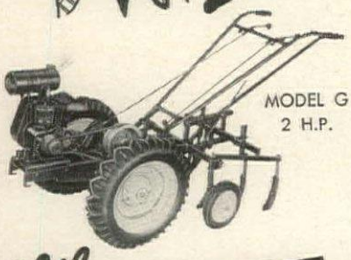
White perennials are important foils for your garden border. This year brings two fine ones. Shasta daisy Wirral Supreme is a greatly improved form of the older Esther Reed. Clear white double flowers 3" to 3½" across are borne on firm stems, well clothed in dark green foliage about 2½' tall. For early midsummer bloom, try phlox White Admiral, a pure white form of Admiral with large florets, tightly clustered into a nicely-shaped, rather large flower head.

A brilliant summer phlox is the new Brigadier. The vibrant bright red florets touched with orange crowd the immense head atop strong stems of medium height. Extremely hardy, it blooms early. This unusual red phlox, like all strong reds, should be placed with care.

Take care also where you plant phlox Scarlet Gem. Its rounded trusses of fiery flowers fairly gleam in the summer sun but would easily fight with some of the older reds. If you prefer more delicate tones on a large-headed phlox, try the soft pink Elizabeth Arden, an import from Britain.

Phlox arendsi hybrids have been available before but are still practically unknown to most gardeners. These fine plants resulted from crosses between

(*Continued on page 97*)



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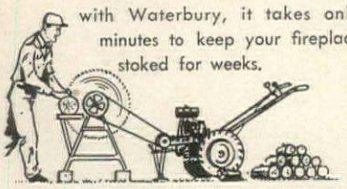

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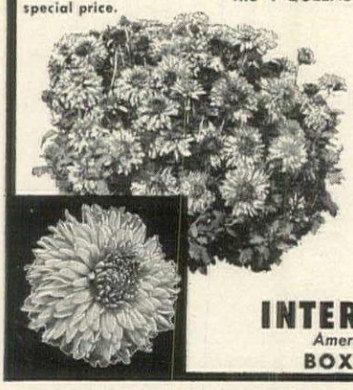

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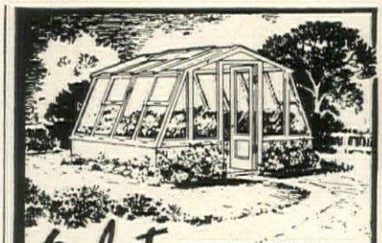

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PERENNIALS continued from page 96

the summer phlox, *P. paniculata (decussata)* and the native American, *P. divaricata canadensis*. They bloom first in spring and if cut back will produce additional flowers in summer and again after another clipping. About 1′ tall, the clump sends up many stalks, an asset for either mass planting or individual groups in your border. Colors are in lilac and lavender tones, with deeper eyes in pinks and lilacs, depending on the particular variety chosen.

A startling new break in spring phlox is that variety of *P. divaricata* called Chattahoochie. Broad heads of clear lavender-blue florets, each with a vivid crimson center, cover 1′ tall mats of rich foliage, which turns a dark purple in autumn. This variety as well as the parent species prefers partial shade and light protection in winter in northern areas.

Last year astute gardeners tried the white form of *Veronica subsessilis*, where they desired white spikes on 2′ to 2½′ stems, from August to October. This year, from another hybridizer, along comes *Veronica* Icicle, carrying 15″ spikes of pure white flowers from July on. An excellent companion to its close relatives and other perennials, it is a hybrid of *V. subsessilis* and *V. spicata alba*, a sturdy, extremely hardy plant with good gray-green foliage.

For blue companions to these two plants, you might try the new type of Stoke's aster, *Stokesia* Blue Danube, 15″ to 18″ tall, and the blue-lavender *Salvia hematoides*, 3½′ to 4′ tall. *Salvia hematoides* is still little known to most gardeners. In addition to its many tall flower spikes in June and July, it has large red-veined leaves, attractive all through the growing season. *Stokesia* Blue Danube has deep blue aster-like flowers, to even 5″ across, with wide, deeply-cut petals flattening to quilled blue stamens in the center. Plant it in a sunny location and from June on you will have blooms for cutting.

Garden hollyhocks are generally treated as biennials, though by many village gates or picket fences you see the same plants blooming year after year. A great addition for any prominent spot where their striking beauty will stand out (and the plants receive full sun and good air circulation) is a fine new strain called Pompadour. Tall, stately spikes are covered with fully double, big ruffled flowers in fall tones of yellow, copper, red, scarlet, purple and maroon as well as the more usual lovely pinks and rose—an amazing range of colors for one plant group.

Most gardeners enjoy the beauty delphiniums bring to the summer border. Loveliness is a fine addition to an extremely hardy northern New York strain. Florets are orchid-lavender shading to deeper orchid, accented with a clear white bee and clear sea blue at the tips of the outer petals. They grow as large as 3″ and more across on stalks 4′ to 4½′ tall. At least half the stalk is covered with flowers, the lower ones still fine when the tip flowers are opening. As with many of the fine new delphiniums, Loveliness

(*Continued on page 98*)

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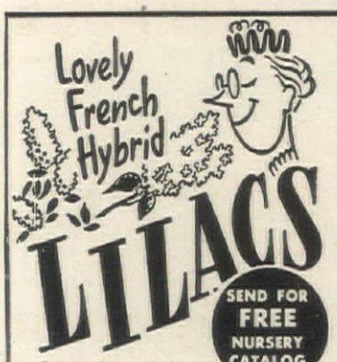

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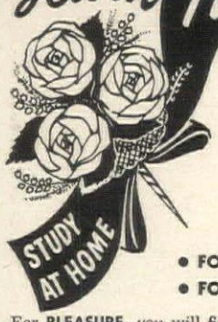

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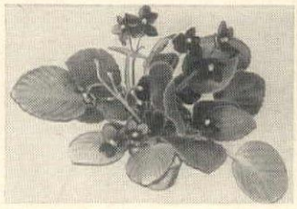

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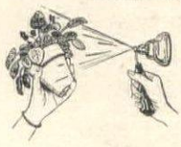

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PERENNIALS continued from page 97

will give you a good lateral repeat bloom later in the summer. This habit is also carried by the excellent Pacific hybrids which have reached the market in recent years and bear names from *Idylls of the King:* King Arthur, Galahad and Percival in whites, Lancelot and Guinevere in blues, Black Knight in deep blues and purples. The Astolat series is the latest addition to this fine strain. The shades are completely new delphinium hues and include pale blush through many shades of lilac-pink to deep raspberry-rose with contrasting bees in fawn, soft browns and black. More about them and news of chrysanthemums will appear in forthcoming issues of HOUSE & GARDEN.

Great stand-bys for the fall garden border are chrysanthemums and hardy asters, quite a number being available to the adventurous gardener who wishes to try new shades and types. Chrysanthemum Flaxen Beauty is a hybrid between English varieties and the fine Pale Moon. In form it resembles a cactus dahlia. It is a truly beautiful color blending of peach, yellow and coral with a golden flush at the center. Plants are robust and spreading in habit, 18" to 24" in height and come into bloom about October 1. Also in bloom at about the same time are chrysanthemums Misty Maid and Renaissance. Misty Maid is an informal, loosely double decorative type in form, with blooms 3" across of delicate shell pink which softens to a cloudy white. It grows to 2' or 2½'. Chrysanthemum Renaissance carries the tones of the great mediaeval tapestries. On a compactly formed plant, the double, 2" dome-shaped flowers are Oriental red to mauve-crimson. One firm has developed a fine series of hardy chrysanthemums, carrying bird names suggestive of their colorings, such as Sea Gull, Canary, Tanager and Grosbeak. You will be hearing more of these.

At least two firms are offering new hardy asters imported from England. Aster The Sexton has large, single, rich blue heads on 3' to 4' stems. About the same height but semi-double in flower form and a beautiful shade of soft pink is Aster Jane McMullen. Individual flowers are even larger than a silver dollar. Another English aster is The Archbishop, with the largest of hardy aster flowers, semi-double in a deep purple blue. Aster Palmyra is of the Michaelmas daisy type of flower with clear rich pink blossoms on a spreading 4' plant. An English variety that has been available before but is still little known is *Aster yunnanensis* Napsbury.

From Holland has come *Monarda* Mahogany, a vivid Indian-lake-red variety of bee balm, an excellent addition to your midsummer border. Somewhat similar to *Monarda*, and usable in the same manner, is the unique *Brittonastrum mexicanum*, whose whorls of rosy crimson flowers on 3' stems bloom throughout the late summer. It is a fine companion for blue asters.

For sources of these plants, write to House & Garden Reader Service, 420 Lexington Avenue, New York.

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ROSES continued from page 41

contrast to the heavy, dark green of the foliage.

In the pink range you will find Paramount, a new seedling hybrid tea; the fragrant Symphonie and Suzon Lotthe, and First Love, distinguished by its generous supply of long-stemmed buds. Like its parents (Charlotte Armstrong x Glowing Sunset), Paramount's plant habit is vigorous, with heavy, medium-sized glaucous leaves. The buds are medium to long pointed, opening to a faintly fragrant cactus-dahlia type of shell-pink flower, 4" to 4¾" across. The abundant blooms are borne singly and last from three to four days. Paramount is an excellent choice for border plantings.

Intensely fragrant, the large carmine-rose buds of Symphonie open slowly to wavy petals of carmine pink. The appearance of this rose is interesting: the pink tone resembles thin layers of pink over a crystalline silvery white, underscored by the veins of the petals in deepest carmine pink. The backs of the petals also display the silvery undercolor and often the petals flash a slender thread of silver on their ruffled edges. The plant is shapely, sturdy, its huge blooms held upright on strong stems. It was originated in France by Francis Meilland.

Also fragrant is Suzon Lotthe, with high, tightly furled peach-colored buds which hold their form as outer petals slowly open to show tints of pearly pink flushed with deeper pink toward the outer edges. Often the open petals show a reverse-shadow effect, deepest pink where exposed to the sun, pearly white where another petal overlaps. The blooms are large and full-petaled right to the center, firmly massive in form, the overlapping petals shading from glowing peach-pink at the center to pearl-pink with a varying flush of deeper, soft rose-pink, especially on the outer petals. The plants are vigorous, splendid for cutting, with extra-heavy canes, strong stems, large, heavy, disease-resistant foliage. Francis Meilland originated this flower in France.

You will like First Love for its bud, a delicate shade of pale dawn pink with the outer surface of the petals a deeper shade of pink. The outer tips of the petals are pointed and recurved and, in certain weather conditions, will be washed with dainty pastel shades of salmon, orchid and rose. A vigorous grower, standing hot weather well, First Love will provide a generous supply of long-stemmed buds for cutting throughout the season.

For new golden tones, indoors and out, you will want to try Golden Scepter and Orange Delight. Golden Scepter, with dark, disease-resistant glossy foliage, is a deep-colored tone of golden yellow, bearing long buds that open to brilliant blooms of high-centered form, from 5" to 5½" across. Its plant habit is open and sturdy, good for the rose bed and the cutting garden. Orange Delight, with highlights of gold and deep copper shadings in the bud,

(*Continued on page 99*)

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ROSES continued from page 98

opens to a brilliant orange, changing to a warm apricot as the petals uncurl. Shiny green foliage forms an excellent foil to its fragrant, sunny flowers. It is at its best in the cool weather of early fall, when so many gardens need color.

In the small-flowering floribunda class you will find the White Pinocchio, a charming relative of the Pinocchio family, with small, light cream oval buds that open to a clear glistening white flower as much as 2½" across. These are usually borne in large clusters and have the delicate, haunting fragrance of potpourri.

Red Imp, a true miniature, is dark red, with a coppery sheen, its color somewhat like the hybrid tea, Happiness. Small, sturdy in habit, it would make a handsome addition to the rockery; the flowers make fascinating tiny informal arrangements.

Among the sub-zero hybrid tea roses, so important to rose lovers in the colder climates of this country, are four new varieties: Sparkle, Sun Up, Country Doctor and Treasure Gold. All these roses bloom freely and require the simplest of winter protection. Sparkle, markedly double, its outer petals recurled, is red to rose-pink shading to yellow at the base, an irregular overlay of golden yellow scattered over the petals. Sun Up, a color sport of the everblooming Break o' Day, is a brilliant china pink, overlaid with a bronze-yellow sheen. The high pointed center of Country Doctor incurls before fully opening, while the outer petals are recurled. The petals are a lustrous crimson-pink, opening to 6" flowers disclosing brilliant centers of heavy yellow stamens. Susceptibility to black spot, has been bred out of Treasure Gold, an ever-blooming yellow, pleasantly fragrant, with the hardiness and long life characteristic of all sub-zero hybrids.

Many gardeners who remember with delight the ever-blooming fragrant roses growing so simply in old gardens or set about in low bowls, will be glad to know that at least one nursery has a splendid collection of these China, tea, Bourbon, Bengal and Noisette roses. Low and bushy in growth, the foliage of these five classes is particularly resistant to disease because such substantial species strains were used to breed them many years ago. Among the many varieties available are the moss roses Mousseux Ancien and Mme. Louis Leveque; the *R. gallicas* Cardinal de Richelieu, Marie Tudor, Duc de Guiche and President De Seze; the original *Rosa damascena* and Maiden's Blush, another damask rose; and the many petaled cabbage roses, Variegata di Bologna and Vierge de Clery.

EDITOR'S NOTE: Our pictures of Golden Scepter, Forty-niner and Mrs. Miniver on page 40, were taken at the Rose Demonstration Garden of Jackson & Perkins Co., Newark, N. Y.

For sources of these new roses write House & Garden's Reader Service, 420 Lexington Ave., New York 17, N. Y.

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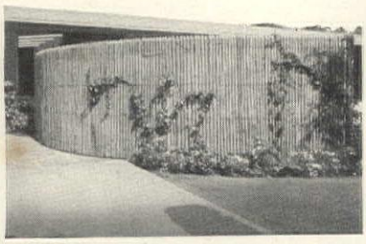

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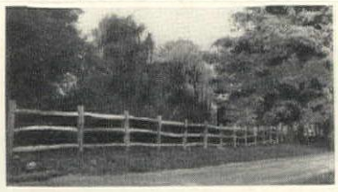

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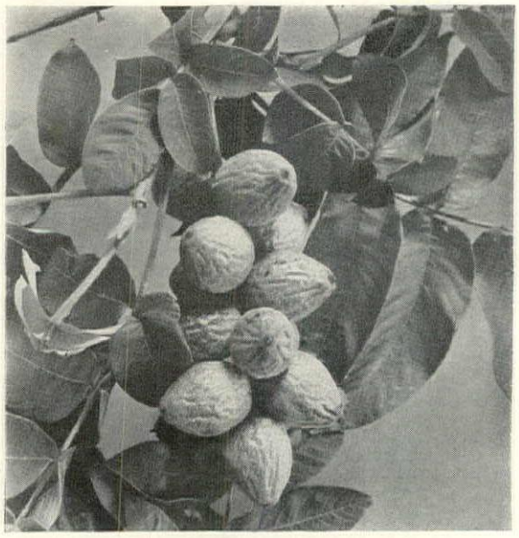

PLANT WALNUT TREES FOR THEIR CROP AND THEIR DAPPLED SHADE

About nut trees

By EVA BEARD

Author of "A Calendar of the Catskills"

TODAY'S choice in hardy nut trees for you to grow is steadily widening. Tomorrow's will be even more interesting. For shade and beauty of foliage as well as a delicious crop, why not try the magnificent black walnut, the hickory and its hybrids, hardy strains of Persian (English) walnut, or the northern pecans? To ornament your lawn you can have the tropical-looking, quick-growing Japanese heartnut; for a tall hedge, the new hazel-filbert hybrids; for your orchard, the Chinese chestnuts, already to some extent a commercial crop in this country. Development of good varieties of nut trees is the result of constant selection, contests to find the best strains among both wild and cultivated trees, regular testing for hardiness, yield and growth habit (as TVA is doing with black walnut varieties). Of prime importance is the slower work of hybridization carried on by plant scientists, notably at the Bureau of Plant Industry of the United States Department of Agriculture and the New York State Agricultural Experiment Station at Geneva. All this work is an incentive to growing your own nut crops. In the vanguard of nut growing progress is a group of enthusiastic amateurs and professionals, the Northern Nut Growers' Association. The memory of our own lost American chestnut, mourned no less for its beauty than for its autumn bounty, gives the new Chinese chestnuts great appeal to the countryman who has space to plant them. If they are not completely blight-free, they are at least sufficiently resistant to thrive and bear. Most nurseries thus far offer only seedling trees. Of carefully selected stock, these are usually well worth setting out. The size of nuts, growth habits, yield and hardiness will vary greatly but they give hope of the eventual development of better strains. Even now, a number of hardy types are on the market. The United States Department of Agriculture is steadily adding to those it has already released. As still better varieties appear, seedling trees may be topworked by having the newer ones grafted onto them. North of southern Connecticut, you must regard Chinese chestnut plantings as experimental—but why not experiment? That is the gardener's privilege. If, in addition, you record and report results, you may render a real service. Chinese chestnuts need fertile, well-drained, neutral or slightly alkaline soil preferably

(*Continued on page 101*)

FRUIT OF CHINESE CHESTNUT

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NUT TREES

continued from page 100

on a hillside, where they will be in less danger from injury. Plant several varieties for cross-pollination. Early spring planting is considered safest. Take proper care in setting them out as nut trees are proverbially difficult to transplant. Occasionally trees will bear in three years, but they usually take longer. The search continues, with here and there a ray of hope, for blight-resistant strains of our native chestnut or its hybrids. In the meantime, by all means, let's enjoy the large, sweet fruits of the Chinese chestnut.

Perhaps next in order of interest are the hazel-filbert hybrids, for which we have to thank, among other nut breeders, the scientists of the New York State Agricultural Experiment Station at Geneva. There European filberts have also been tested for adaptation to peach-growing sections of New York. Cosford, Italian Red, Gustavo Zellernuso and Medium Long have given best results. Large fruited selections of the American hazel, Rush and Winkler, have been on the market for some years. But the new hybrids offer the hardiness of the native nuts with the large size and fine quality of European types. Trained to tree form, they will grow to about the size of peach trees. Some will sucker plentifully and thus form a tall hedge. Plant two or more varieties to insure cross-pollination and cut down all native hazelnut bushes because of the filbert blight they might possibly harbor. As with other nut trees, spring planting is advised, in fertile, well-drained soil. You should have a crop of nuts in four or five years.

The severe winter of 1933-34 killed thriving plantings of Persian (English) walnut in western New York's peach-growing belt. Carpathian walnuts are our best hope today in the northern states. They were imported some 20 years ago from the mountains of eastern Europe, where winter temperatures dip very low indeed. However, as Carpathian walnuts have a short winter rest period, you may expect some frost injury. Nut tree specialists are looking for a clon that starts into growth later and in time they will probably find one. (A clon is a group of plants propagated only by vegetative and asexual means, all members of which have been derived by repeated propagation from a single individual.) These fine trees respond to alkaline or neutral soils, well fertilized (but not in late summer). Frost is all too likely to kill late growth. Grafted trees bear in five to seven years. Some of these will, in time, replace the popular Broadview variety, seed of which came from near Odessa, Russia.

Our own incomparable black walnut is the supreme cooking nut, for it holds its flavor better than either the pecan, the English walnut or even the hickory. You can grow black walnuts in the northern states more successfully if you seek out locally adapted strains; for here this tree approaches the limit of its climatic range. Thomas is the most widely adapted and widely planted of the more-than-100 named varieties. In deep, rich, slightly alkaline or neutral soils with good drainage, it has the growth rate of an apple tree and begins to bear in four to six years. Up New England way, you can start a real argument, black walnut versus butternut, butternut winning every time. This hardiest of our native nuts is one of our most delicious varieties but for a number of reasons it is thus far the nut tree breeders' stepchild. It is sometimes short-lived, apparently because of a fungus disease, and its propagation is not too well understood. Usually only seedling trees are sold by nurseries. A few, however, carry grafted trees which will bear in two or three years.

You can now purchase grafted hickories and hickory hybrids—fine, thin-shelled, large-meated nuts, slow-growing but splendid shade trees. With hickory also, seek locally adapted varieties, since the shagbark (most of the named varieties are shagbark hickories or other natural hybrids) sometimes fails to fruit well because of short seasons or lack of summer heat. Possibly Stratford, which is partly of shagbark blood, is a good choice for you, along with another variety or so. This hybrid, if well fertilized, may bear in three or four years after grafting. The many excellent shagbarks and natural hybrids of northern origin are still in the long process of testing for hardiness, prolific bearing and other desirable traits.

While northerners can't hope to grow the luscious big pecans that come from the southern states, there are distinct possibilities in the pecans originating in Kentucky, Illinois and Indiana. Name varieties: Major, Busseron, Greenriver, have given good account of themselves, to the extent of fruiting in favorable seasons in Iowa, peach-growing sections of New York and similar climatic areas. Or you may like to try a couple of hicans, natural hybrids of hickory and pecan. Of these magnificent lawn trees, Burlington appears to be hardiest, though slow to bear its large, pecan-shaped nuts. McCallister produces very large nuts.

Among nut tree specialists there is much interest in the Japanese heartnut. They hope presently to find strains with a longer winter rest period. A sport of the Japanese walnut, its tropical foliage, quick growth and thin-shelled, heart-shaped, butternut-flavored nuts are attractive. Nurseries chiefly offer seedling trees, but a Hudson Valley grower lists seven named varieties. Culture is as for other walnuts, with frost injury to be expected in cold areas. In general, varieties have not been completely tested for hardiness.

Remember that cross-pollination is important if you want a crop from most nut trees, especially filberts. With the possible exception of the Japanese walnut and the butternut, always plant at least two varieties. As for planting stock in this comparatively new field, established local nurseries usually offer the best locally adapted varieties available. In view of the difficulty of successful transplanting, one is well advised to invest in the smaller and less expensive trees, possessing his soul in patience till they bear. Very few nurseries list trees of bearing size.

For sources where you can buy nut trees, write HOUSE & GARDEN *Reader's Service, New York, N. Y.*

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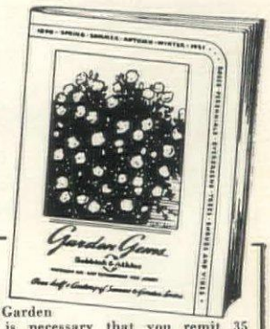
This big, new 52-page catalogue for 1951, "Garden Gems", is a must for serious gardeners. It will help you plan and plant your garden with specialties that have made the name Bobbink & Atkins synonymous with the highest grade horticultural products. Here are just some of the choice plants that are described, with cultural notes and illustrated in true color:



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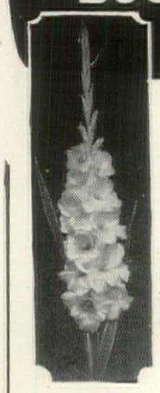

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BUILDING DATA continued from page 55

COCHRAN HOUSE BUILDING DATA

FOUNDATION: Stone, concrete block. EXTERIOR WALLS: Stone, Gulf cypress siding. ROOF: 5-ply built-up slag roof—Ruberoid Co. INSULATION: ¾" Vapor-Seal sheathing on exterior walls, roof, ½" Celotex on inside of exterior walls, batts in ceiling—Celotex Corp. DOORS: Flush wood and glazed—U. S. Plywood Corp.; Wel-Bilt radio-operated overhead garage doors—Huck-Gerhardt Co., radio receiver—Multi Products Co., operator—Quincy Mfg. Co. WINDOWS: Aluminum casement and fixed—J. S. Thorn Co. GLASS: Twindow and double-strength A—Pittsburgh Plate Glass Co.; ¼" Pentecor for lighting panel—Mississippi Glass Co. INTERIOR WALLS: ¼" walnut plywood in living, dining room, kitchen, halls, ¼" Duali mahogany plywood in others—U. S. Plywood. CEILINGS: Bedrooms, sand plaster; others, Kilnoise acoustical plaster—Kelly Island Lime & Transport Co. FLOORS: Carpets—Alexander Smith & Sons Carpet Co.; asphalt tile in playroom—Tile-Tex; cork floors in baths, kitchen, upstairs hall—Armstrong Cork Co.; Ridgeway flagstone in eating area, entrance hall. HARDWARE: Russell-Erwin Mfg. Co. PAINTS: Exterior, Permodip stain—Wilbur & Williams Co.; interior, Satin-Lac on plywood—Breinig Bros., Inc.; oil paints on doors—Martin-Senour Co. LIGHTING: Recessed fixtures, goose-neck lamp, pinpoint lighting—General Lighting Co., Inc.; eyeball fixture in entry hall—Century Lighting, Inc.; "slimline" tubing above skylight—General Electric Co. HEATING: Gas-fired radiant heating system. Copper pipe in ceilings, 2nd floor—Chase Brass & Copper, Inc.; wrought-iron pipe in ground floor—A. M. Byers Co.; boiler—National Radiator Co.; controls—Sarcotherm, Inc.; water heater—Rudd Mfg. Co. BATHROOMS: Fixtures—Crane Co.; Koroseal walls, counters—B. F. Goodrich Co. KITCHEN & LAUNDRY EQUIPMENT: Sinks—Crane Co.; walnut cabinets with stainless-steel counters; Micarta table tops—Westinghouse Electric Co.; dishwasher—Hotpoint, Inc.; garbage disposal unit, refrigerator—General Electric Co.; gas range—Chambers Corp.; water cooler—Sunroc Co., Inc.; freezer—Philco; washing machine, dryer—Bendix; A.B.C. ironer—Altorfer Bros. Co. CONTRACTOR: Harry A. Hudgins Co.

COCHRAN HOUSE FURNITURE DATA

LIVING ROOM: Fiberglas and wool curtains—Dan Cooper; two couches designed by George Nelson, birch plywood table and chairs by Charles Eames, free-form coffee table by Isamu Noguchi—Herman Miller Furniture Co.; string chair by Irving Sabo—J. G. Furniture Co., Inc.; nest of side tables by Marcel Breuer; fireplace bench by H. R. Dillehunt; Acrosonic piano—Baldwin. TERRACE: Table by Milo Baughman—Pacific Iron Products; chairs by Greta Magnusson Grossman. KITCHEN: Chairs—Knoll Associates, Inc.; Toastmaster toaster; Kreamer square kitchen canisters; Vollrath stainless-steel mixing bowl; Waring Blendor.

LILIENTHAL HOUSE BUILDING DATA

FOUNDATION: Reinforced concrete. EXTERIOR WALLS: Cement plaster with integral color, vertical tongue-and-groove redwood. ROOF: Insulating aggregate topped by composition roofing—Flintkote Co. INSULATION: Redtop between ceiling joists—U. S. Gypsum Co.; Kimsul blanket for soundproofing walls—Kimberly-Clark Corp. WINDOWS: Whitco casement hardware—Vincent Whitney Co. GLASS: Plate and crystal sheet—Libbey-Owens-Ford Glass Co. FIREPLACE: Verde antique marble trimmed—Dondero Marble Co.; damper—Rees Blow Pipe Mfg. Co. INTERIOR WALLS: Sheetrock—U. S. Gypsum Co. FLOORS: Tile in baths—Gladding, McBean & Co.; Pabco linoleum in kitchen—Paraffine Companies, Inc.; oak elsewhere. HARDWARE: Schlage Lock Co. PAINTS: Redwood stain—Samuel Cabot, Inc.; elsewhere—W. P. Fuller & Co. LIGHTING FIXTURES: Prescolite flush lights—Pressteel Co. HEATING: Forced air gas-fired furnace—Atlas Heating & Ventilating Co.; water heater—A. O. Smith Corp.; controls—Minneapolis-Honeywell Regulator Corp. PLUMBING FIXTURES: American-Standard. KITCHEN: Steel cabinets, black linoleum counters—American Central Mfg. Corp.; dishwasher—Hotpoint, Inc.; Wedgewood range—James Graham Mfg. Co.; refrigerator—General Electric Co.; fan—Pryne & Co.; washing machine—Westinghouse Electric Co. CONTRACTOR: Mattock Construction Co., San Francisco, Cal.

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New records for the younger set

The latest releases bring children recorded plays, films and original stories

PETER PAN. Featuring Jean Arthur, Boris Karloff and the rest of the Broadway cast, this recording manages to convey just about everything of the stage production except the flying. Columbia LP record ML-4312*; $4.85.

TREASURE ISLAND. Adapted from Walt Disney's bang-up film, and illustrated with stills from it, this picture-book album features Bobby Driscoll as Jim Hawkins. Slick job. RCA Victor 45 rpm album WY-416*; $1.75.

MARY MARTIN SINGS FOR CHILDREN. Children too young to see *South Pacific* need not be deprived of the universal pleasure of listening to Miss Martin. Charming and improvisatory. Young People's record 731; $1.19.

HAPPY MOTHER GOOSE. Mr. Burr Tillstrom's Kukla, Fran and Ollie, just about the most engaging characters on television, sing their own versions of the old nursery rhymes. RCA Victor 45 rpm album WY-423*; $1.95.

TUBBY THE TUBA. Paul Tripp's and George Kleinsinger's popular record about a tuba and a frog has been reissued, narrated by Victor Jory. Other side: *Animal Fair*, songs by Burl Ives. Columbia LP record JL-8013*; $2.85.

THE LITTLE KING OF YVETOT. Five French folk songs have inspired and been set in a light-hearted story about the jolly little king. The English lyrics are by Leo Israel. Mr. George Rasely sings. Young People's record 732; $1.19.

SINGING IN THE KITCHEN. A delightful group of Creole folk tunes has been used as the base for songs about kitchen activities. English lyrics by Marion Abeson. Charity Bailey sings. Young People's record 730; $1.19.

ROY ROGERS' RODEO. Two young people, Jane and Buddy, attend Mr. Rogers' rodeo, which includes not only the customary bareback riding, calf roping, but also an attempted robbery. RCA Victor album Y-413*; $3.40.

UNCLE WIGGILY. Paul Wing, accompanied by Little Nipper, the dog who barks when the page should be turned, tells four Uncle Wiggily stories in this picture album. Music, Norman Leyden. RCA Victor album Y-415*; $3.40.

BY ROCKET TO THE MOON. A record that combines fact with fiction, and describes in narrative and song the imagined trip and the planets. Story is by Jay Williams; music, Raymond Scott. Young People's record 437; $1.19.

ROSEMARY CLOONEY. Accompanied by Percy Faith's orchestra, Miss Clooney sings *Little Johnny Chickadee*, a song about a girl and her pet, and *Peterkin Pillowby*, about a rash boy. Columbia record MJV-73*; $1.19.

MOTHER GOOSE SONGS. Hecky Krasno has arranged and edited a number of the familiar rhymes, setting them in a loosely-knit narrative. Burl Ives, accompanied by an instrumental trio. Columbia record MJV-67*; $1.19.

COME TO THE FAIR. A group of songs, simple enough to be performed by the small listener, have been strung along a narrative about a fair. Vocalists are Tom Glazer and Joan Lazer. Young People's record 733; $1.19.

THE LITTLE GRAY PONIES. A group of songs dealing with the activities of two ponies who jumped over the fence and galloped through the countryside. Tom Glazer does the narration, singing. Young People's record 735; $1.19.

A CAPITAL SHIP. Tom Glazer, again, singing three funny songs: the nineteenth century, Gilbert and Sullivanish *A Capital Ship;* an old folk tune, *Jennie Jenkins;* a new one, *The Little Pig*. Young People's record 436; $1.19.

FRANCIS, THE TALKING MULE. Rufe Davis and a trio sing about an extraordinarily bright mule, and, on the other side, about *Pudgy, the Whistling Piggy*, who swallowed a little whistle. Columbia record MJV-72*; $1.19.

THE HUNTER'S HORN. One of a series on instruments written by Professor Douglas Moore of Columbia University. This one deals with horn's history, shows how composers use it. Young People's record 421; $1.19.

HOWDY DOODY'S LAUGHING CIRCUS. A sad character called Weeping Willy is cheered by being introduced to such happy animals as Girard, the Giraffe; Charlie, the Chattering Chimp. RCA Victor album Y-414*; $2.20.

TURNTABLE

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HORACE McFARLAND, Pl. Pat. 730. Fragrant coral-pink with apricot glow. $1.65 ea.

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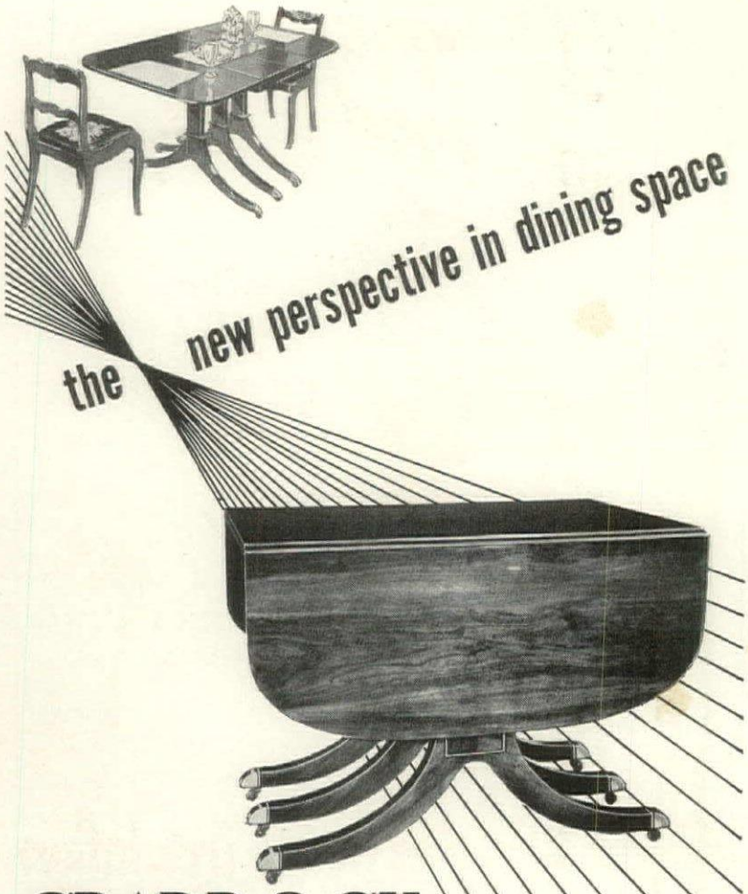

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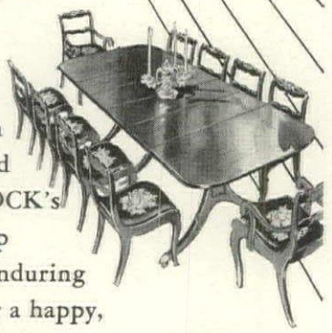

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Table Model No. 132-A one of a dozen designs in different sizes. 3 pedestals (with brass toes and casters, automatic leaf supports and table lock). Top closed 28" x 40"; drop leaves up, 40" x 60"; with two fillers expands to full 7 feet long! CRADDOCK hardwood wobble-proof construction and Dupont DUCO finish. Walnut or Mahogany Finish, about $110. *Roseback Chairs* (Side No. 46N, Arm No. 46½N) beautifully carved top slat, curved rails and legs, Needlepoint-type seat. Walnut or Mahogany Finish, about $17 and $21.75.

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CRADDOCK FURNITURE CORPORATION
EVANSVILLE, INDIANA

** prices slightly higher in West*

BABY-SITTER continued from page 84

speeds. If it hadn't been for the steady children's market, more than one independent company would have slumped right out of sight.

Music for children turns up in all kinds of unexpected places. The latest is the Hit Parade. This trend started in 1949, with a Christmas ditty, *Rudolph the Red-Nosed Reindeer*, recorded for Columbia by Gene Autry. But Rudolph, to the amazement of all beholders, made tracks to the corner tavern jukebox and became a popular song. Columbia has followed through with an Easter number, *Peter Cottontail* and a seasonal tune about *Frosty the Snowman*. Several song publishers, startled into action, now have separate "Kiddie Pops" departments. The real clincher came last fall. Children's records became a national institution when a leading New York radio station installed Boris Karloff, the mellifluous monster, as full-time children's disc jockey.

There is a story behind this four-year wonder. It is pretty much the story of the man who is director of the Children's Record Guild. His name is Horace Grenell. In 1946 Grenell piled the fruits of a crowded young lifetime—37 years—into a new enterprise called Young People's Record Club. The recording industry predicted its early doom. Young People's, however, was a startling success. Its first release, in 1946, was *Muffin in the Country*. That record might well have been plated in gold, for it was the wedge that split the market open. Two years later Columbia revamped its line and some 20 new children's record labels had come into the market. The following year, Victor threw out its entire children's line and started its Little Nipper series.

Grenell's career began in Brooklyn. Here young Horace made his piano debut at the age of seven, playing a piece called *The Ghost in the Fireplace*. His parents rewarded their young artist with the gift of a phonograph—a most propitious choice for the future of the recording industry, as it turned out. Eleven years later, Grenell won a fellowship at the Juilliard School of Music in the fields of piano, conducting and composing. When his stipend expired, he became a faculty member.

It was at Juilliard that he made a depressing but significant discovery. He found that too many of his budding virtuosi had small notion of what their music really meant. Trying to coax genuine emotion out of his charges, Grenell found himself almost more of a psychiatrist than a piano teacher. A main stumbling-block, he discovered, was the fact that, too often, a gifted young child was asked to have adult responses. At seven, when he should have been happily batting out *The Ghost in the Fireplace*, he was confronted with Bach. To solve this problem was Grenell's first big challenge.

In 1941, he joined the staff of Sarah Lawrence, a forward-looking women's college near New York. One of its most noteworthy projects was a nursery, a fine laboratory dedicated to the mysteries of the small child. A particularly successful experiment conducted here was the use of music. Whatever the children did, they did better to a noisy or tuneful accompaniment. It was a revelation to Grenell to see their unrestrained response to simple melodies and rhythms. Why, Grenell asked himself, must this privilege be confined to 20 lucky youngsters who happened to live in Bronxville, New York? How to extend the Sarah Lawrence experiments to schools and households throughout the country? An ambitious plan began to take shape.

The idea ripened for five years, while its creator put in a teaching stint at Brooklyn College, then worked in radio music as an assistant to the composer Morton Gould. In 1946 he decided to make the plunge. He would put the right kind of words and music on records for children, and even more insolent, he would make money at it.

In seeking guidance for his project, Grenell did not approach the heads of the recording industry. He went instead to distinguished teachers and artists, among them Howard Hanson of the Eastman School of Music, Douglas Moore of Columbia University and his old Juilliard instructor, the late Olga Samaroff Stokowski. Into schools and nurseries around New York, he next deployed a platoon of researchers to record every music-inspired hop, skip and jump of every available child. Grenell was doing what had never occurred to anybody else: he was finding out what children themselves actually liked to hear on records. Lastly, he thought of putting children's records on unbreakable material.

Having convinced a financial angel that he had a negotiable item, Grenell's Record Club was born. Its first release hit the market in a colorful little wrapper; it was on unbreakable Vinylite, and the lively words and music of *Muffin in the Country* went straight to the hearts of 100,000 youngsters. For number two, he hired Walter Hendel of the New York Philharmonic to record Haydn's *Toy Symphony*. Older brothers and sisters of *Muffin* fans were equally delighted.

Before many weeks, youngsters all over the U. S. were beaming and bouncing to these irrepressible records, and competitors began to wonder if they shouldn't change their tunes. Perhaps most impressed were the country's educators; the ideas they had long been developing were finally and inexpensively available to everybody. School boards joined parents in jumping on the Club's noisy little bandwagon, and entered the discs into their curriculums. New numbers were carefully tested in schoolrooms, down to the last detail of color on the wrapper. The content of the records dealt with simple, familiar things: a day in the park, a birthday party, a little Indian and his drum, the story of a boy with a penny whistle who comes upon the seven tones of the scale in everyday sounds. An especially successful disc told children how to construct a homemade kitchen orchestra.

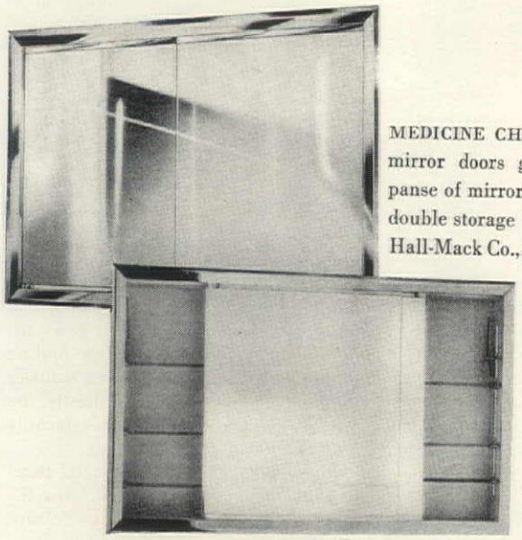
Whenever possible, Grenell employed folk tunes, melodies backed by years of universal acceptance. Otherwise the music he bought was the finest that contemporary composers could furnish; in the past four years he has opened a profitable new field for artists like Aaron Copland, Alex North, Douglas Moore, Walter Hendel, Bernard Wagenaar and Henry Brant. Several of their Grenell-commissioned works have been put into repertoires of major

(Continued on page 109)

Mechanics of living

New equipment to help you live in comfort

NIGHT LIGHT for any part of the house. In brown or ivory with switch and 7 watt bulb. 45c Monowatt Inc., Providence, R. I.



MEDICINE CHEST with sliding mirror doors gives double expanse of mirror (39" x 22") and double storage (6 shelves) $135. Hall-Mack Co., Los Angeles, Cal.

NEW ENAMEL for radiator, range is heat-resistant and moisture-proof. Paint dries with a smooth porcelain-like finish. One-half pint for 70c gives average radiator one coat. At hardware, paint stores. Sapolin Paints Inc., N. Y.

HEATFORM, double-walled metal unit around which masonry walls of a fireplace are built. Air is heated in chambers surrounding ribbed firebox and circulated throughout the room and adjoining rooms. Superior Fireplace Co., Los Angeles and Baltimore.

Continued on page 106

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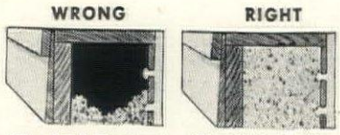
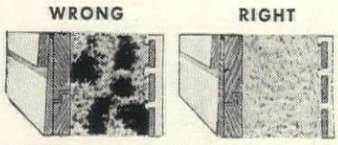
...especially in home insulation



The J-M Contractor fills all the hollow exterior walls and the heat-leaking spaces above and below the windows. In the attic, he covers floor areas *evenly*, leaving no "thin" spots between joists to rob you of fuel.



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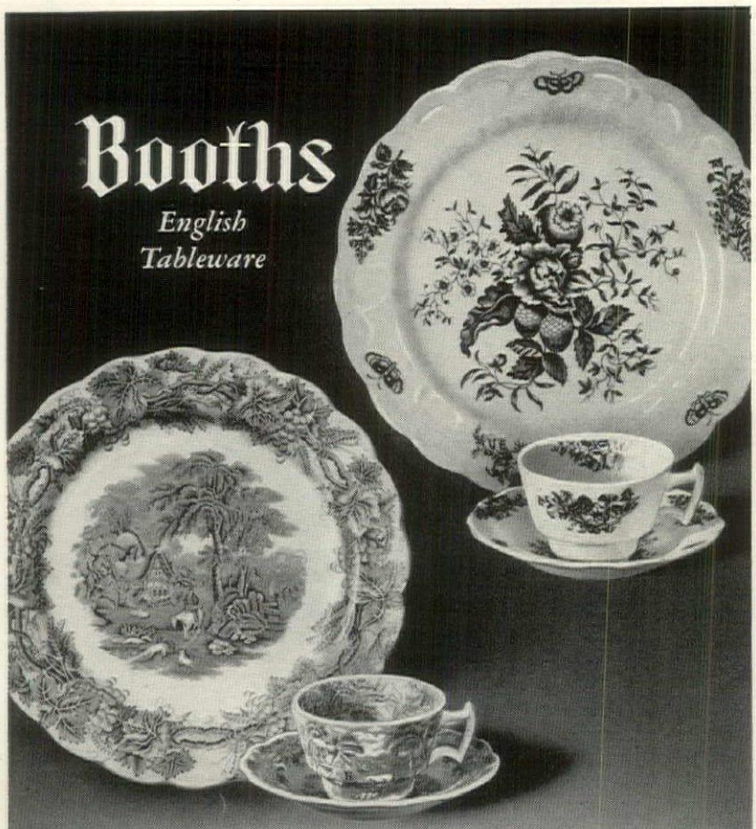

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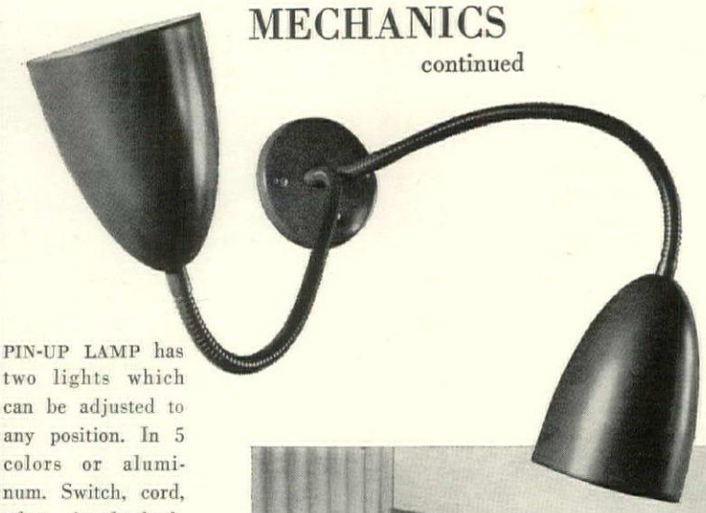
MECHANICS

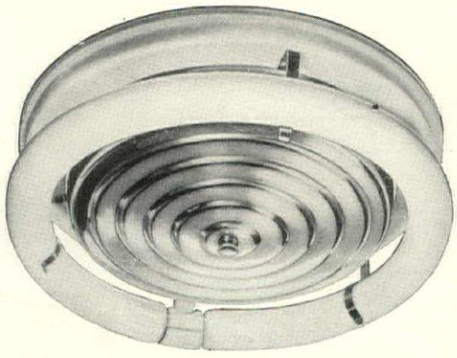
continued



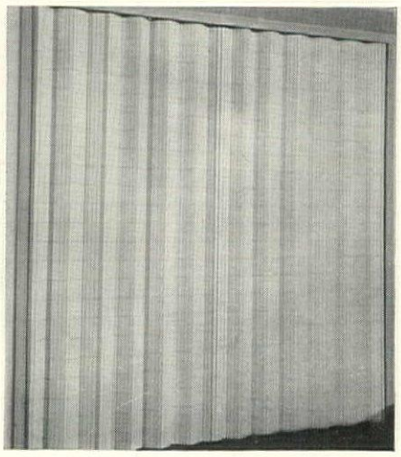
PIN-UP LAMP has two lights which can be adjusted to any position. In 5 colors or aluminum. Switch, cord, plug included. About $19. Kurt Versen Lamps, Inc., Englewood, N. J.

DRESSING TABLE UNIT combines lavatory, vanity, dressing table and linen storage in one compact, easily installed, plastic-faced fixture. $250. In many colors and sizes. Hinzmann & Waldmann, Inc., N. Y.

ELECTRONIC AIR PURIFIER helps destroy cooking and other odors in average size kitchen or bath. Of aluminum and easily mounted. Single lamp for AC use $6.95. Roy C. Stove & Co., Chicago, Ill.



CIRCULAR FLUORESCENT fixture fits into any outlet box. White enamel finish, aluminum reflector, 12" circular lamp. About $12.40. Sylvania Electric, N. Y.



RAY-TOX FOLDING DOORS ventilate closets or conceal kitchenettes. They are easy to install, light in weight, simple to clean. Available in natural wood or 10 standard colors in many sizes. $1 sq. ft. Hough Shade Corp., Janesville, Wisconsin.

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Vogue Patterns

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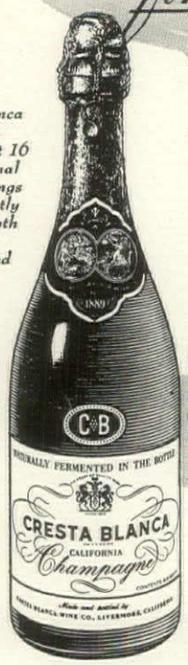

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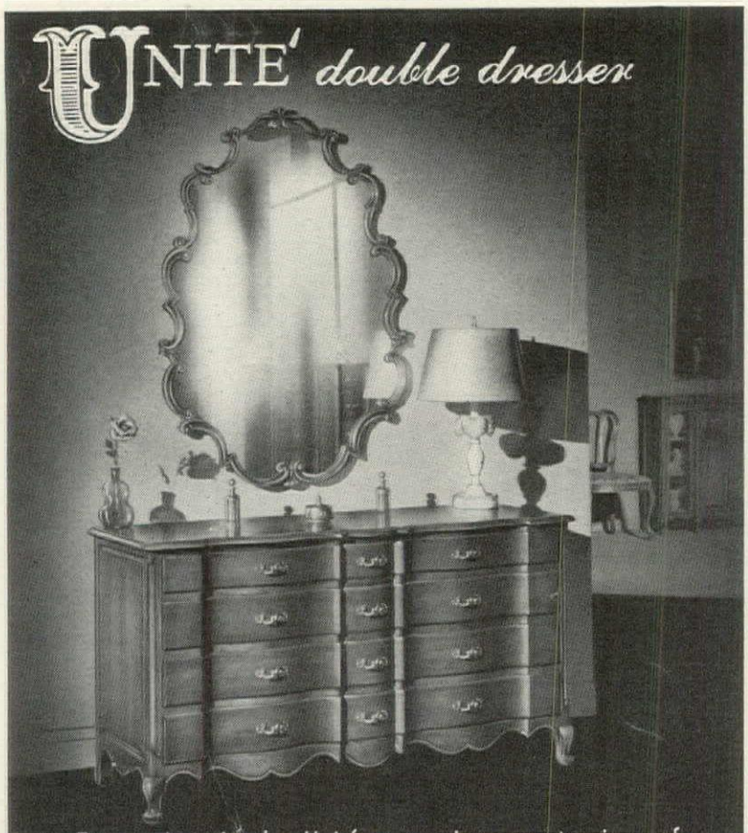
UNITÉ double dresser



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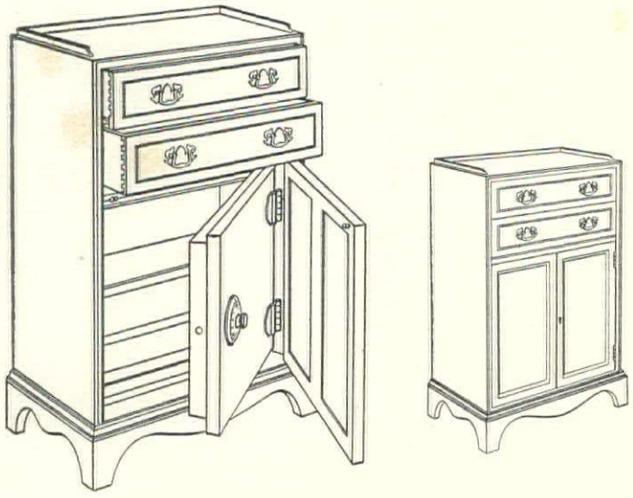
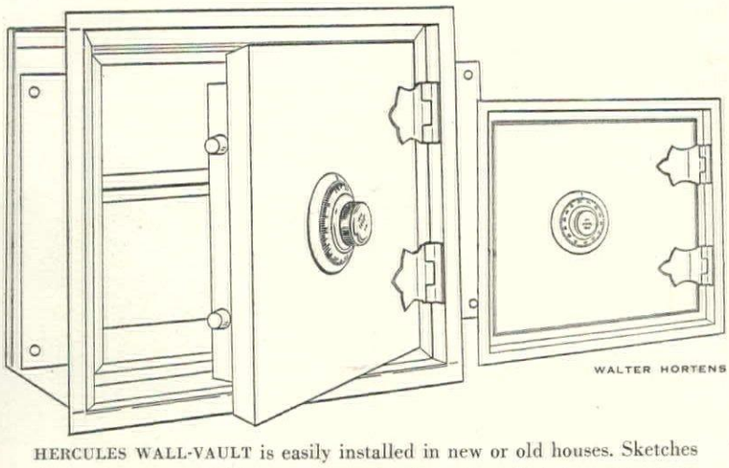
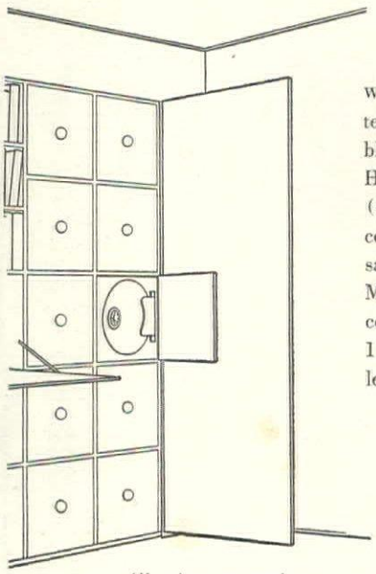


HOME SAFE by Herring-Hall-Marvin is completely concealed in an eighteenth-century-style drawer cabinet finished in mahogany or walnut. Inner steel door, body insulation, withstands 1700 degrees heat. This decorative, unobtrusive safe doubles as lamp table, cabinet. Dimensions: 32" x 20" x 13". Over-all weight 120 lbs. Three-tumbler bank type lock gives many combinations. $143. Springfield Furniture Works, Springfield, Ohio.

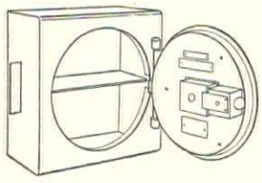


WALTER HORTENS

HERCULES WALL-VAULT is easily installed in new or old houses. Sketches show safe open to indicate storage, closed, to show flush-to-wall installation. Interlocking door bolts, certified, furnace-tested insulation protects your valuables. Three-tumbler lock is pickproof. Inner dimensions: 9½" x 11" x 8⅜". Weight 55 lbs. $40. Meilink Steel Safe Co., Toledo, Ohio.



WALL SAFE by Mosler gives fire protection for your important and valuable private papers, business records. Handily concealed in wall closet unit (see drawing, left), you can install it compactly near desk and shelf areas, saving trips to office or bank vault. Mosler relocking device safeguards contents. Inside dimensions: 11" x 11" x 4½". Wt. 60 lbs. $36. The Mosler Safe Company, Hamilton, Ohio.



All prices approximate

BABY-SITTER continued from page 104

orchestras. The latest to be thus singled out is the score for *Mr. Grump and the Dingle School Band*, which was played by the Dallas Symphony.

There was a whopping response from the little consumer himself. Many subscribers took pen in hand and relayed their ideas on music appreciation. Others delivered vocal opinions to researchers. "I have a Park Record," said a patron aged three and a half. "When I listen to it I run and I walk and I roll. I can run without bumping into the furniture very much. I have a song book too, but I like my records better. The book has *Polly Put the Kettle On* and I don't know what that means."

Another very active member confessed, "I play my records myself and I used to break a lot of them. But that was last year when I was only three and didn't know how to handle records. Some of the records can't break. I know because my little sister throws all my records around. If they don't break I know they're plastic." A happier relationship is reflected in the report of a six year old: "I take Josephine's hand and we dance around and sing. Josephine is my little sister. Sometimes after supper me and Josie and my mommy and daddy put on the *Park* record and my daddy hops around with his elbows sticking out. He looks very funny. I don't know if I look funny."

While Young People's continued to set the pace for quality and originality, Simon & Schuster cornered the mass market with their Little Golden Records and Capitol, as befits a Hollywood company, featured entertainment records. Capitol's number one character is Bozo the Clown. Judging from his popularity in the trade polls, he is the Milton Berle of the beanie set.

Late 1949 found Horace Grenell securely at the top of the heap. But he was growing restive. The proprietors of Young People's, jealous of their nice black ledger, wanted little part of further experimentation, so he resigned to go into competition with himself, so to speak. He became director of the Children's Record Guild, an outfit that bids to become the biggest yet.

By a conservative estimate, the Children's Record Guild—which mails two records each month to subscribers, one for the two-to-four group, and one for the five-to-eight—will have over 100,000 members by next month. By its second birthday, a membership cake would have over a quarter of a million candles. Records will also be distributed on the open market; a year from now these sales will have accounted for a million records.

More significant than all the figures, however, are the five new concepts of music for children that Grenell has dared to put on a commercial basis: First, a new approach to the use of sound effects (previously they were strictly rib ticklers, the *Pop Goes the Weasel* sort of percussion). Now the Guild is creating sound effects through music. The instruments themselves make the sounds: the closing of a door, the approach of a train, or the howling of the wind. In recognizing them, the

(*Continued on page 110*)

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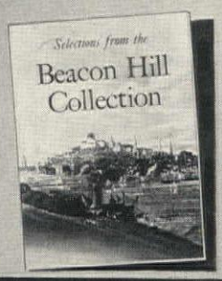

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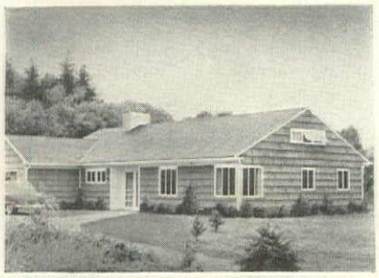

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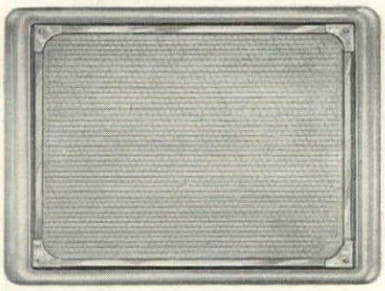

This is a typical glassheat panel. It lends itself to a variety of decorative plans and can be either installed flush or recessed into the wall.

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BABY-SITTER continued from page 109

children develop a concept of high and low pitch, of loud and soft and so on.

Second, a new type of rhythmic participation. In the past, activity records gave specific instructions like "hop on one foot, crawl on all fours," and so on. Grenell provides a general theme, then allows the child to improvise his own activity. Take, for example, a Guild disc called *I Wish I Were:* "I wish I were very tiny..." the story starts, "I'd take a bath in a teacup... I'd be a little, tiny cowboy—and a mouse could be my horse." Then: "I wish I were big as a giant... huge-enormous big... I'd pick up elephants in my hand and pet them... but I would be very careful not to hurt them..." It's really wonderful to watch a roomful of three-year-olds ad-libbing to this story. Each little imagination lights up like a Fourth-of-July sparkler and no two children go through the same pantomime.

Third, a new way of training youngsters to recognize instruments. Musical stories about *Tubby the Tuba* or *Pete the Piccolo* are fine fun, but they leave no great impression on the ear. Grenell's idea is to give a sense of tone discrimination by using all possible combinations of voices and instruments. One side of a record will have a narration to a piano quintet background. The other side might continue with a cheerful melody played by four woodwinds and a French horn. Others have full orchestra, others single instruments like a guitar or recorder. Thus a child of three is exposed to the whole spectrum of sound.

Fourth, a serious consideration of the element of humor, a factor in growing up which has been ignored in even our best schools. Whenever possible the Guild releases a funny record. The response to the last of these, *The Four Bears,* has shown that young children have an extraordinary sense of parody.

Fifth (and this idea, at the risk of having 100,000 small Americans put on the Attorney General's list, is really revolutionary) is an extension of the principles of musical therapy. Here's an example. One of the traditional fears lodged in young minds is being alone in a house. In the Guild record *The Lonesome House* the sounds are presented musically and sympathetically. Being alone, the record tells the kids, is a nice time to listen. There is no mention of being scared, no surprises or discords in the music. Another application of this idea is in *Me, Myself and I,* a series of song-games for the bedridden child, each of which can be acted out on the counterpane.

Educators have learned the folly of moralizing to children. On the other hand a child will sell himself a moral if given the chance. Grenell's *Mr. Grump and the Dingle School Band* demonstrates the virtues of co-operation. When band members don't work along with Mr. Grump, the music sounds awful. When they decide to follow the leader, it sounds fine. This concept has

(*Continued on page 113*)

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SKIERS continued from page 67

QUICHE LORRAINE

Rich pastry for 10-inch pie or tart pan
6 slices crisply cooked bacon, chopped
5 eggs, beaten lightly
2½ cups light cream
2 tbsps. melted butter
2½ tbsps. minced onion
1¾ tsps. Worcestershire sauce
1½ tsps. salt
¼ tsp. grated nutmeg
1 lb. Swiss cheese, grated
Cayenne
Freshly ground black pepper
3 tbsps. grated Parmesan cheese

Line an ovenware pie dish or a tart pan with the pastry; crimp the edge. Scatter the bacon in the bottom over the pastry. Combine the eggs, cream, butter, onion, Worcestershire, salt and nutmeg. Add Swiss cheese, mix, pour into the pie dish. Sprinkle with a little cayenne and pepper, cover with Parmesan and bake in a moderate oven (375°) about 15 minutes. Lower the heat to 300° and continue baking till the custard is set and browned on top, about 35 to 45 minutes in all. Longer if necessary. Serve warm, with additional crisp bacon curls as garnish. 6 to 8 servings.

OYSTER PILAU

1 green pepper, cut in julienne strips or minced
1 medium-size onion, minced
½ cup butter
2½ cups bouillon, stock or consommé
4 tomatoes, peeled and chopped
1 tbsp. minced parsley
1 tsp. salt
¾ cup rice
1 tsp. fresh or ½ tsp. dried oregano
1 pt. fresh oysters, or quick-frozen oysters thawed and drained
Celery salt
3 tbsps. browned and buttered crumbs

Combine the pepper and onion. Sauté in the butter in a two-quart chafing dish over direct heat till the vegetables are tender. Add the stock or consommé, tomatoes, parsley, salt and rice. Cover the pan and let cook till the rice is tender, about 20 minutes, longer if necessary. Add the oregano the last five minutes of cooking. Drain the oysters, add to the pilau and cook five to 10 minutes, or till the oysters are plump and their edges curled. Add a very light sprinkling of celery salt and sprinkle with browned crumbs. Set the pan over hot water to keep warm for serving. 4 to 6 servings.

HOT APPLES BOURGEOISE

8 ripe apples
¾ cup sugar
2 cups water
½ cup mixed, chopped candied fruit (dates, pineapple, raisins, apricots, cherries)
1 cup cold custard
½ cup macaroon crumbs or chopped roasted almonds
2 tbsps. granulated sugar
1 tbsp. brown sugar

Wash and peel the apples; remove

(*Continued on page 112*)

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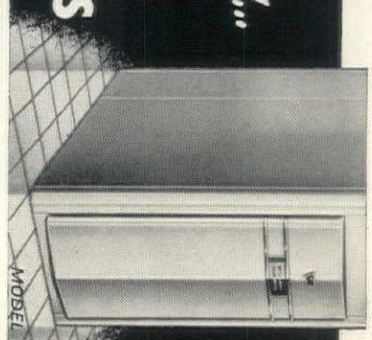

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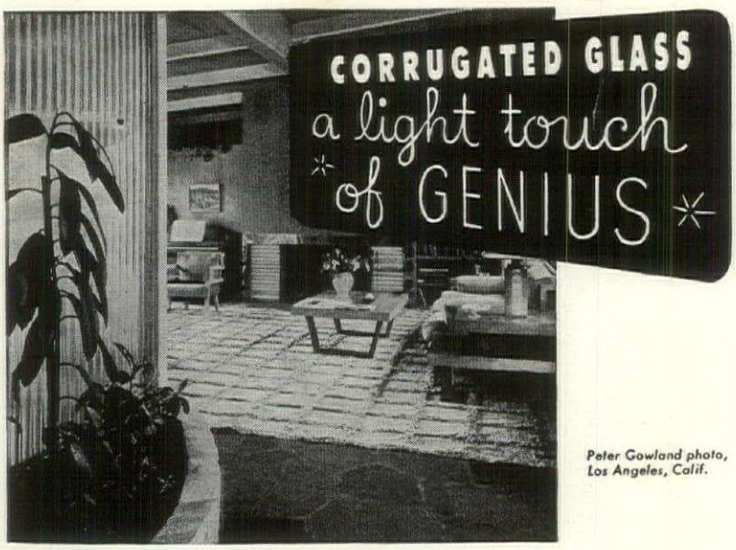

Peter Gowland photo, Los Angeles, Calif.

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SKIERS continued from page 111

cores. Make a light syrup of the sugar and water, and when it begins to thicken cook the apples in it till they are tender, about 30 minutes. Drain and place the apples in an ovenproof serving dish (shallow casserole). Fill the centers with the mixed candied fruit. Coat the top of each apple with custard, sprinkle thickly with crumbs or almonds or both and sprinkle the mixed sugars over all. Set the dish in a hot oven, 425°, or under low broiler heat till the top is browned. Place the dish on the table warmer to keep it slightly warm for serving. 8 servings.

CRAB MEAT-HAM ROLLS

8 large sections fresh cooked, canned or quick-frozen crab meat
French dressing, herb seasoned
8 thin slices boiled ham
2 tbsps. butter
4 slices thin buttered toast
Pickle relish or chopped green pepper
Lobster, shrimp or chicken make good substitutes for crab meat.

If quick-frozen crab meat is used, defrost it and use at once. Remove all bones from the meat; do not mince or chop it but leave it in good-sized chunks. Place in a glass or china bowl, cover with French dressing and set it in the refrigerator for an hour or longer. When ready to cook at the table, drain the crab meat, roll each large chunk in a slice of ham and fasten with a toothpick. Heat the butter in the chafing dish pan over direct heat. When it is very hot, place the rolls carefully in the pan and sauté till hot and lightly browned on top and bottom. Serve two on each slice of toast. Add a dab of relish or green pepper for garnish, or Major Grey's Indian chutney. Or garnish with very small tomato aspic molds. 4 servings.

SALMI OF BEEF

2 tbsps. butter
2 tbsps. flour
1 cup bouillon (cube or canned)
1 tsp. lemon juice
½ cup Burgundy
1 tbsp. Worcestershire sauce
4 generous slices tender, cold roast beef

Heat the butter in the chafing dish pan over direct heat. Stir the flour into it until browned; add the broth and stir until it begins to thicken. Add the lemon juice, wine and Worcestershire. Stir to mix. Place the meat in the sauce and let it heat 2 or 3 minutes, no longer. Serve at once. 4 servings.

PECAN TARTLETS

Rich pastry for 8 individual tart pans
2 eggs, beaten lightly
½ cup brown sugar
¼ tsp. salt
2 tbsps. butter creamed with
2 tbsps. flour
1 cup maple syrup or dark Karo (corn syrup)
1 tsp. vanilla
1½ cups chopped pecans

Line the tart pans with pastry, crimp the edge. Bake in a hot oven (400°)

(*Continued on page 113*)

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five minutes. Remove from the oven. Combine all ingredients, pour into the tart shells. Reduce the oven heat to 375° and bake the tarts 40 to 45 minutes longer, or till the crust is golden and the filling set. Serve plain or top each tart with a dab of whipped cream. 8 servings.

BLACK CHERRY TART

½ lb. butter or margarine
¾ cup sugar
1 egg, beaten slightly
1 tsp. vanilla
2 cups sifted flour
1 egg white, slightly beaten

Keep the butter at room temperature till softened. Beat with a wooden spoon till creamy, gradually adding the sugar and the egg. Continue to beat; add the flavoring and mix well. Gradually beat in the flour to make a firm dough. Chill the dough in the refrigerator then roll it out to a thin pie crust. Fit the pastry into a 9-inch round tart pan or shallow casserole. Crimp the edge. Brush it all over with the egg white. Bake in a moderate oven (375°) till lightly browned, 15 to 20 minutes. Let cool. Fill with the following cherry mixture:

2 cups canned large black cherries, stones removed
¾ cup cherry juice
2 tbsps. sugar
1 tbsp. cornstarch

Drain the cherries and save the juice. Mix the sugar with the cornstarch, stir the juice slowly into it until well mixed. Boil slowly till the mixture is thick and clear, stirring constantly. Let it cool slightly. Put the drained cherries in the tart shell. Pour the cornstarch mixture over them and chill. Serve plain or with whipped cream on top. 6 servings.

BABY-SITTER continued from page 110

no limits. Grenell and his associates are at work right now on two new ones: one to dispel fear of the dark, another on how to handle pets.

Records of the Children's Guild are not only baby-sitters. They are also music teachers and child psychologists in the guise of nice friends who are always saying funny things. Horace Grenell is thereby laying the foundation for the greatest musical audience any country has ever known.

Even as these innovations take shape, he is looking forward to the next big challenge: good music for the adolescent. Horace Grenell would much rather talk about his problems than his achievements. But there are three exceptions to this: Peri, Peter and Rob, his own children. More than once throughout the struggles to build Young People's and the Children's Record Guild, one of these three has imperiously vetoed some of Pop's brightest ideas. "Trouble is," Pop confesses, "they are always right."

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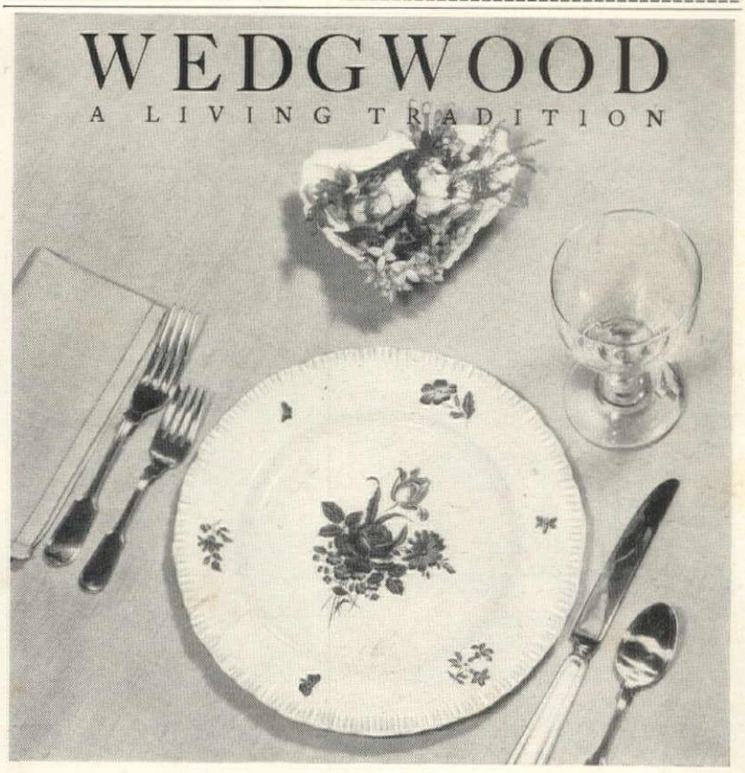

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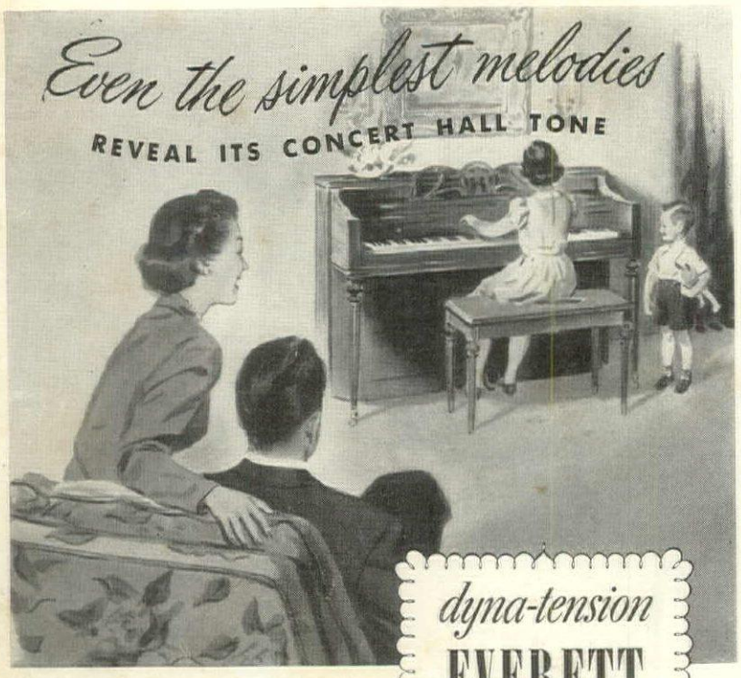

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SUMMER LOOK continued from page 74

Here is the shopping information for the merchandise shown on pages 74-77.

All prices are approximate

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FURNITURE: Pacific Iron Products available at James McCreery, New York; Dayton Co., Minneapolis. Dining table 34" w., 54" l., 30" h., $100. Side chairs 21" w., 23" d., 33" h., $50 ea. with seat and back cushions. Armchairs 21" w., 23" d., 33" h., $60 ea. with seat and back cushions.

WALL COVERING: F. Schumacher, black and gold spatter on white background $4.85 a roll at Schumacher's, N. Y.

FLOOR COVERING: Danbury Rubber Co. White rubber tile 9" squares 75c sq. ft. installed, through your contractor.

ACCESSORIES: Sterling silver flatware, Cartier's, N. Y. Plates and bowl by Wedgwood. Glassware by Imperial. Flowers from Irene Hayes, N. Y.

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FURNITURE: Wrought-iron Italian modern design from John B. Salterini at Bloomingdale's, New York (after January 15); G. A. Stowers, San Antonio; Scruggs Vandervoort Barney, St. Louis. Dining table 42" diameter, 29½" h., glass top 7/16" thick, $140. Side chairs 18" w., 32" h., $40 ea. in muslin. Armchairs 24" w., 32" h., $48 ea. in muslin. Upholstered in Stroheim & Romann purple spun rayon and cotton textured fabric 50" w., available through decorators. Dunbar furniture available at Fakes & Co., Dallas. Six-drawer cabinet 38" w., 18" d., 34" h., $399. Chest 38" w., 20" d., 34" h., $378.

FLOOR COVERING: David E. Kennedy. Rubber tile 9" squares 75c sq. ft. installed, through your contractor.

ACCESSORIES: Pair of stucco urns, carved wood swags, $850. Elinor Merrell, N. Y. Screen of framed old scenic wallpaper, "Banks of the Bosphorus," $1650. Nancy McClelland, N. Y. Colorado Carnations.

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FURNITURE: Molla Inc., available at Bloomingdale's, New York (after January 15); A. B. Closson Jr. Co., Cincinnati; Hemenway, New Orleans. Curved sectional sofa, each section 65" wide, 39" deep, 31" high, $335 ea., in muslin. Octagonal coffee table, 39" across, 13" high, $155. Step end table 19" wide, 27" d., 21" h., $75.

CARPET: Artloom Carpet Co. Natural colored "Townley" cotton carpeting 9', 12', 15' widths, $9 sq. yd. Macy's, New York.

ACCESSORIES: Wrought-iron lamp, $150 for base, available through decorators at Dunbar Furniture Mfg. Co., N. Y. Orange and white Lowestoft plate, $30, from Iran Importing Co., N. Y. Green glass bowls, smoke-gray design, $25 ea., from Van Dugteren at Holland House of Art, N. Y. Plant *Philodendron pertusum* from Andrew D. Grupp Inc., N. Y. Oil painting *Chicken Farm; Vermont* by Johannes Schiefer, $500 available at D. B. Butler & Company, New York.

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FURNITURE: Cast-aluminum scroll design by Lee L. Woodard & Sons, available at John Wanamaker, Philadelphia; Rich's, Atlanta. After March 1 at Marshall Field, Chicago. Round dining table, plate-glass top, ½" thick, 34" diameter, $190. Side chairs, $54 ea., in muslin. Upholstered in "Indantone" black duck 31" w., $1.50 yd., by John Boyle & Co., at Stern's, N. Y. Daybed, birch, walnut finish 36" h., 42½" w., 77½" l., $375 in muslin. End table, $110. Both by DeGaal & Walker available at Neiman-Marcus, Dallas.

CARPET: Belrug Mills Inc., beige "Wunda Weve" loom-woven cotton carpet 27", 9', 12', 15' widths. $10 sq. yd., Lord & Taylor, New York.

WALL COVERING: F. Schumacher, black and gold spatter on white background $4.85 a roll, at Schumacher's, New York.

CURTAINS: Celanese Corp. yellow "Frosted Chifonese" rayon, 48" w., $1.25 yd., Altman's, N. Y. The E. C. Carter & Sons "Tambour" embroidered Swiss muslin $12.50 yd., available through decorators.

LAMP: Lightolier Co., marble obelisk, inlay design $225 for base, available through decorators.

ON THE TABLE: John Matouk green linen mats and napkins 75c ea., Wanamaker's, Philadelphia. Josiah Wedgwood "Stratford" pattern china. Teacups and saucers $24 doz., 8" plates $18.50 doz., Bullock's Los Angeles. Cambridge crystal tumblers "Mt. Vernon" design, 5-oz., $7.20 doz.; 14-oz., $9 doz., Stern's, N. Y. National Silver Co. Queen Anne silver plate 3-pc. coffee set by Cheltenham & Co., Ltd. $80 incl. Fed. tax at Abraham & Straus, Brooklyn; toast rack, silver plate $4 incl. Fed. tax, Gimbel's, N. Y.; "Overture" pattern dinner knives $53 doz. plus Fed. tax, teaspoons $30 doz. plus Fed. tax, at Bloomingdale's, N. Y. Flowers from Irene Hayes.

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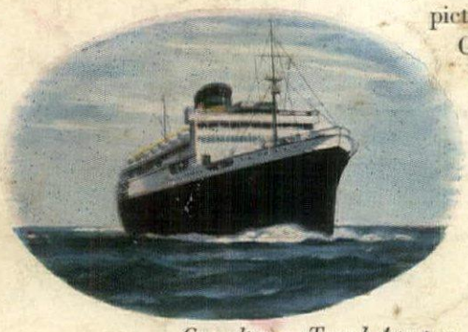

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